

**4Q23** 

Shareholder Letter

# To Our AppLovin Shareholders:

As we reflect back on 2023, we're very proud of the progress and performance across our business. 2022 was a challenging year for the industry but we believed that our culture of adaptability would help us overcome those challenges. In 2023 we released our advanced AXON 2.0 technology, optimized our gaming studios, and invested in new initiatives to drive future market expansion and long-term growth. In 4Q23 there were several key factors driving the growth of our customers and partners including a strong holiday season, year-over-year growth in the mobile app advertising market, our MAX bidding enhancements and the market shift to real-time bidding. The combination of these factors is helping the market improve advertising efficiency, which we believe will lead to continued compounding growth for our partners.

In the fourth quarter, we generated revenue of \$953 million (+36% yr/yr), net income of \$172 million at a net margin of 18%, and Adjusted EBITDA of \$476 million (+83% yr/yr) at an Adjusted EBITDA margin of 50%. Net cash from operating activities was \$344 million, with free cash flow of \$340 million. At the end of 4023, we had approximately 340 million shares outstanding.

Total revenue for 2023 was \$3.3 billion (+17% yr/yr), with net income of \$357 million at a net margin of 11%, and Adjusted EBITDA of \$1.5 billion (+41% yr/yr) at an Adjusted EBITDA margin of 46%. In 2023 net cash from operating activities was \$1.1 billion (+157% yr/yr) with free cash flow of \$1.0 billion (+167% yr/yr). At the end of 2023 we had \$502 million of cash and cash equivalents. Our team's focus on execution and innovation in 2023 exceeded our expectations, driving double-digit revenue growth in our Software Platform business every quarter this year. Software Platform revenue grew to a record \$1.8 billion (+76% yr/yr) in 2023, generating Adjusted EBITDA of \$1.3 billion (+58% yr/yr) at an Adjusted EBITDA margin of 69%.

We remain focused on delivering long-term shareholder value through a combination of share management and free cash flow generation. During 2023, we repurchased and withheld a total of 54.3 million shares of our Class A common stock, which, net of share issuances during the year, reduced our total shares outstanding by nearly 10%. We continue to remain committed to further share management through an increase to our share repurchase program of \$1.25 billion.

Looking ahead to the first quarter of 2024, we anticipate further stability and growth. Our 1Q 2024 outlook is as follows:

#### Financial Guidance Summary<sup>1</sup>

1Q24
\$955 to \$975 million
\$475 to \$495 million
50% - 51%

<sup>1</sup> We have not provided the forward-looking GAAP equivalents for forward-looking non-GAAP metrics, specifically Adjusted EBITDA and Adjusted EBITDA margin, or a GAAP reconciliation as a result of the uncertainty regarding, and the potential variability of, reconciling items such as stock-based compensation expense. Accordingly, a reconciliation of these non-GAAP guidance metrics to their corresponding GAAP equivalents is not available without unreasonable effort. However, it is important to note that material changes to reconciling items could have a significant effect on future GAAP results. We have provided historical reconciliations of GAAP to non-GAAP metrics in tables at the end of this letter.

#### 2023

#### **Financial Overview**

ALL COMPARISONS ARE TO 2022 UNLESS OTHERWISE NOTED.

**Revenue** was \$3.3 billion, an increase of 17%.

**Software Platform revenue** grew 76% to \$1.8 billion. Segment Adjusted EBITDA increased 58% to \$1.3 billion, a 69% margin.

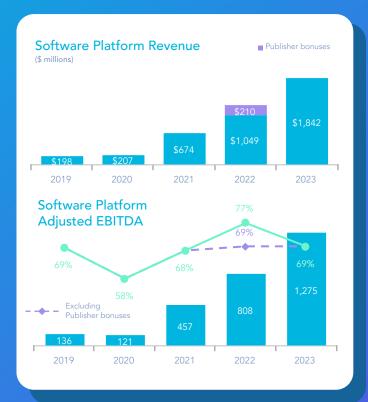
**Apps revenue** declined 18% to \$1.4 billion. Segment Adjusted EBITDA declined 11% to \$227 million, a 16% margin.

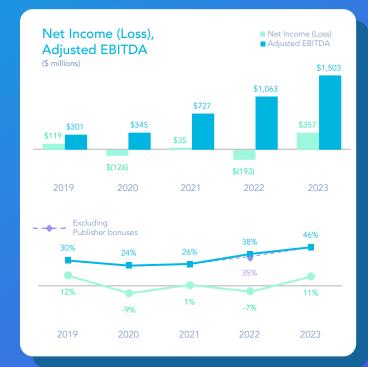
**Net Income** was \$357 million, a net margin of 11% compared to a net loss of \$193 million and a net margin of -7%.

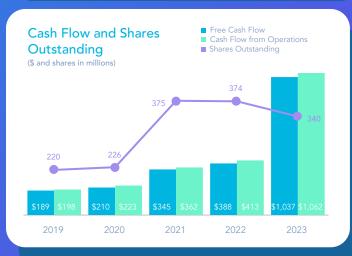
**Adjusted EBITDA** increased 41% to \$1.5 billion, an Adjusted EBITDA margin of 46%.

**Cash Flow:** We generated \$1.1 billion of net cash from operating activities and \$1.0 billion of Free Cash Flow.









#### 4023

#### **Financial Overview**

ALL COMPARISONS ARE TO 4Q22 UNLESS OTHERWISE NOTED.

**Revenue** was \$953 million, an increase of 36%. Software Platform revenue increased to 60% of total revenue compared to 44%.

**Software Platform** revenue grew 88% to \$576 million. Segment Adjusted EBITDA increased 126% to \$420 million, a 73% margin.

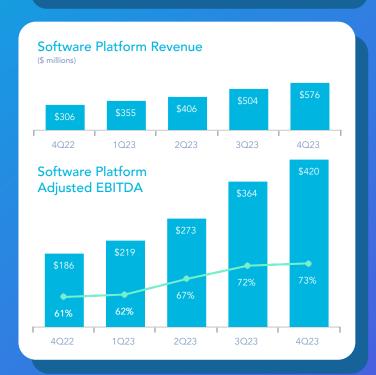
**Apps** revenue decreased 5% to \$377 million. Segment Adjusted EBITDA decreased 24% to \$56 million, a 15% margin.

**Net Income** was \$172 million, a net margin of 18% compared to a net loss of \$80 million and a net margin of -11%.

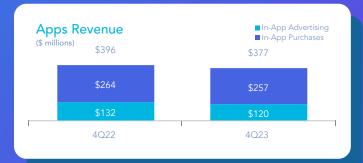
**Adjusted** EBITDA increased 83% to \$476 million, an Adjusted EBITDA margin of 50%.

**Cash Flow:** We generated \$344 million of net cash from operating activities and \$340 million of Free Cash Flow.





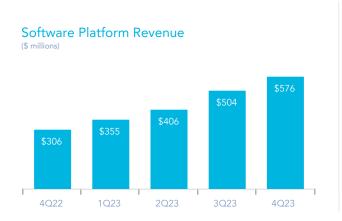


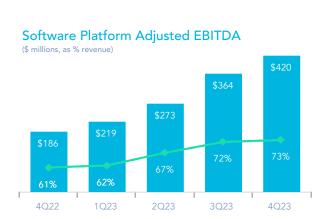


## **Software Platform Update**

Our Software Platform segment revenue and Adjusted EBITDA grew consecutively every quarter in 2023, driven by our team's commitment to improving the performance of our technology. Over the past five years our annual Software Platform revenue has grown over 9x while maintaining an approximate 70% Adjusted EBITDA margin during that period. In 2023, our Software Platform revenue was \$1.8 billion (+76% yr/yr) while Adjusted EBITDA increased to \$1.3 billion (+58% yr/yr), an Adjusted EBITDA margin of 69%.

In the fourth quarter, we achieved another record quarter with Software Platform revenue of \$576 million, growing 88% year-over-year and 14% from the third quarter. The growth was driven by the continued performance of AppDiscovery, as the AXON engine continues to learn and scale. During the quarter, we saw advertisers spend more as a result of improved performance from our Al-enhanced advertising engine. Software Platform Adjusted EBITDA grew 126% year-over-year to \$420 million at an Adjusted EBITDA margin of 73%. We remain excited and committed to growing the advertising ecosystem as we work towards expanding our Software Platform reach in 2024.





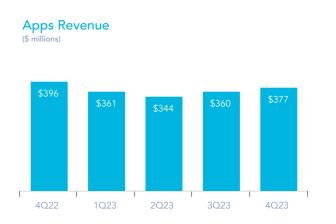
The following table provides the year-over-year change of net revenue per installation and installations for the past twelve quarters:

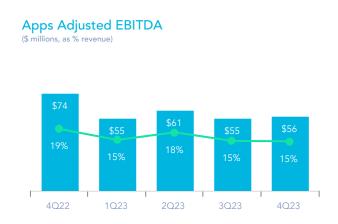
	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23
Net Revenue per Installation	0 %	57 %	161 %	115 %	113 %	58 %	33 %	26 %	48 %	38 %	40 %	20 %
Installations	74 %	91 %	74 %	33 %	45 %	47 %	19 %	(3)%	(14)%	(8)%	29 %	66 %

## **Apps Update**

Our Apps segment revenue declined in 2023 to \$1.4 billion (-18% yr/yr) as a result of our strategic optimization efforts that began in 2022, which reduced our studio footprint and user acquisition spend, driving improved focus and Adjusted EBITDA margin. Our Apps Adjusted EBITDA was \$227 million, (-11% yr/yr) representing a 16% Adjusted EBITDA margin.

In the fourth quarter, our Apps segment revenue grew 5% from the third quarter to \$377 million as a result of increased investment in user acquisition marketing spend. Fourth quarter Apps Adjusted EBITDA was \$56 million with Adjusted EBITDA margin of 15%.





## **Conclusion**

2023 has been another phenomenal year of growth for AppLovin.

Looking towards 2024, we see additional opportunities to improve our technology, broaden our customer base and expand into new content industries through our Connected-TV (Wurl) and OEM & Carrier (Array) initiatives.

We remain steadfast in our commitment to delivering innovation and long-term value for our customers and shareholders as we grow.

Regards,

Adam Foroughi, CEO

Matt Stumpf, CFO

Matter Start

## **Appendix**

This shareholder letter contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements generally relate to future events or our future financial or operating performance. In some cases, you can identify forward-looking statements because they contain words such as "may," "will," "should," "expect," "plan," "anticipate," "going to," "could," "intend," "target," "project," "contemplate," "believe," "estimate," "predict," "potential," or "continue," or the negative of these words or other similar terms or expressions that concern our expectations, strategy, priorities, plans, or intentions. Forward-looking statements in this letter to shareholders include, but are not limited to, statements regarding our future financial performance, including our expected financial results and guidance, and growth prospects; our expectations regarding improvements to our technology and its reach; our expectations regarding the benefits of our Software Platform to and the growth of our advertising partners; our expectations regarding the expansion of our customer base and the growth of advertising spending and the mobile app ecosystem; our expectations regarding share repurchases; and our expectations regarding our future strategy and expansion in Connected-TV and OEM & Carrier. Our expectations and beliefs regarding these matters may not materialize, and actual results in future periods are subject to risks and uncertainties, including changes in our plans or assumptions, which could cause actual results to differ materially from those projected. These risks include our inability to forecast our business due to our limited operating history, the macroeconomic environment, fluctuations in our results of operations, our ability to execute on our operational and financial priorities, our ability to scale our Software Platform to support new users, the competitive advertising and mobile app ecosystems, and our inability to adapt to emerging technologies and business models. The forward-looking statements contained in this letter are also subject to other risks and uncertainties, including those more fully described in our Quarterly Report on Form 10-Q for the fiscal quarter ended September 30, 2023. Additional information will also be set forth in our Annual Report on Form 10-K for the fiscal year ended December 31, 2023. The forward-looking statements in this letter are based on information available to us as of the date hereof, and we disclaim any obligation to update any forward-looking statements, except as required by law.

#### **Non-GAAP Financial Metrics**

To supplement our financial information presented in accordance with generally accepted accounting principles in the United States ("GAAP"), this shareholder letter includes certain financial measures that are not prepared in accordance with GAAP, including Adjusted EBITDA, Adjusted EBITDA margin, and Free Cash Flow. A reconciliation of each such non-GAAP financial measure to the most directly comparable GAAP measure can be found below.

We define Adjusted EBITDA for a particular period as net income (loss) before interest expense and loss on settlement of debt, interest income and other, net (excluding certain recurring items), provision for (benefit from) income taxes, amortization, depreciation and write-offs and as further adjusted for non-operating foreign exchange (gains) losses, stock-based compensation expense, acquisition-related expense and transaction bonuses, publisher bonuses, MoPub acquisition transition services, restructuring costs, impairment and loss in connection with sale of long-lived assets, loss (gain) on extinguishments of acquisition-related contingent consideration, lease modification and abandonment of leasehold improvements, and change in the fair value of contingent consideration. We define Adjusted EBITDA margin as Adjusted EBITDA divided by revenue for the same period.

We define Free Cash Flow as net cash provided by operating activities less purchases of property and equipment and principal payments on finance leases. We subtract both purchases of property and equipment and payment of finance leases in our calculation of Free Cash Flow because we believe these items represent our ongoing requirements for property and equipment to support our business, regardless of whether we utilize a finance lease to obtain such property or equipment.

We believe that the presentation of these non-GAAP financial measures provides useful information to investors regarding our results of operations and operating performance, as they are similar to measures reported by our public competitors and are regularly used by securities analysts, institutional investors, and other interested parties in analyzing operating performance and prospects.

Adjusted EBITDA and Adjusted EBITDA margin are key measures we use to assess our financial performance and are also used for internal planning and forecasting purposes. We believe Adjusted EBITDA and Adjusted EBITDA margin are helpful to investors, analysts, and other interested parties because they can assist in providing a more consistent and comparable overview of our operations across our historical financial periods. We use Adjusted EBITDA and Adjusted EBITDA margin in conjunction with GAAP measures as part of our overall assessment of our performance, including the preparation of our annual operating budget and quarterly forecasts, to evaluate the effectiveness of our business strategies, and to communicate with our board of directors concerning our financial performance. We use Free Cash Flow in addition to GAAP measures to help manage our business and prepare budgets and annual planning, and we believe Free Cash Flow provides useful supplemental information to help investors understand underlying trends in our business and our liquidity.

These measures have certain limitations in that they do not include the impact of certain expenses that are reflected in our consolidated statement of operations that are necessary to run our business. Our definitions may differ from the definitions used by other companies and therefore comparability may be limited. In addition, other companies may not publish these or similar metrics. Thus, our non-GAAP financial measures should be considered in addition to, not as substitutes for, or in isolation from, measures prepared in accordance with GAAP.

## **Key Metrics**

We review the following key metrics on a regular basis to evaluate the health of our business, identify trends affecting our performance, prepare financial projections, and make strategic decisions.

#### **Quarterly Key Metrics**

Monthly Active Payers (MAPs). We define a MAP as a unique mobile device active on one of our apps in a month that completed at least one In-App Purchases (IAP) during that time period. A consumer who makes IAPs within two separate apps on the same mobile device in a monthly period will be counted as two MAPs. MAPs for a particular time period longer than one month are the average MAPs for each month during that period. We estimate the number of MAPs by aggregating certain data from third-party attribution partners. Some of our apps do not utilize such third-party attribution partners, and therefore, our MAPs figure for any period does not capture every user that completed an IAP on our apps. We estimate that our counted MAPs generated approximately 100% of our IAP revenue during the three months ending December 31, 2023, and as such, management believes that MAPs are still a useful metric to measure the engagement and monetization potential of our games.

Average Revenue Per Monthly Active Payer (ARPMAP). We define ARPMAP as (i) the total IAP Revenue derived from our Apps in a monthly period, divided by (ii) MAPs in that same period. ARPMAP for a particular time period longer than one month is the average ARPMAP for each month during that period. ARPMAP shows how efficiently we are monetizing each MAP.

	4Q 2023	4Q 2022
Monthly Active Payers (millions)	1.8	1.9
Average Revenue per Monthly Active Payer (ARPMAP)	\$47	\$46

Our key metrics are not based on any standardized industry methodology and are not necessarily calculated in the same manner or comparable to similarly titled measures presented by other companies. Similarly, our key metrics may differ from estimates published by third parties or from similarly titled metrics of our competitors due to differences in methodology. The numbers that we use to calculate MAPs and ARPMAP are based on internal data. While these numbers are based on what we believe to be reasonable judgments and estimates for the applicable period of measurement, there are inherent challenges in measuring usage and engagement. We regularly review and may adjust our processes for calculating our internal metrics to improve their accuracy.

## **Consolidated Balance Sheets**

(in thousands, except for share and per share data) (unaudited)

	De	ecember 31, 2023	De	ecember 31, 2022
Assets				
Current assets:				
Cash and cash equivalents	\$	502,152	\$	1,080,484
Accounts receivable, net		953,810		702,814
Prepaid expenses and other current assets		160,201		155,785
Total current assets		1,616,163		1,939,083
Property and equipment, net		173,331		78,543
Operating lease right-of-use assets		48,210		60,379
Goodwill		1,842,850		1,823,755
Intangible assets, net		1,292,635		1,677,660
Other assets		385,998		268,426
Total assets	\$	5,359,187	\$	5,847,846
Liabilities and stockholders' equity				
Current liabilities:				
Accounts payable	\$	371,702	\$	273,196
Accrued and other current liabilities		252,202		147,801
Licensed asset obligation		13,054		15,254
Short-term debt		215,000		33,310
Deferred revenue		78,559		64,018
Operating lease liabilities		13,605		14,334
Deferred acquisition costs, current		· <u> </u>		31,045
Total current liabilities		944,122		578,958
Long-term debt		2,905,906		3,178,412
Operating lease liabilities, non-current		42,905		54,153
Licensed asset obligation, non-current		_		26,970
Other non-current liabilities		209,925		106,676
Total liabilities		4,102,858		3,945,169
Stockholders' equity:		, ,		, ,
Preferred stock, \$0.00003 par value—100,000,000 shares authorized, no shares issued and outstanding as of December 31, 2023 and 2022		_		_
Class A, Class B and Class F common stock, \$0.00003 par value—1,700,000,000 (Class A 1,500,000,000, Class B 200,000,000, Class F nil) and 1,700,000,000 (Class A 1,500,000,000, Class B 200,000,000, Class F nil) shares authorized, 339,886,712 (Class A 268,774,090, Class B 71,112,622, Class F nil) and 373,873,683 (Class A 302,711,061, Class B 71,162,622, Class F nil) shares issued and outstanding as of December 31, 2023 and 2022, respectively		11		11
Additional paid-in capital		2,134,581		3,155,748
Accumulated other comprehensive loss		(65,274)		(83,382)
Accumulated deficit		(812,989)		(1,169,700)
Total stockholders' equity		1,256,329		1,902,677
Total liabilities, redeemable noncontrolling interest, and stockholders' equity	\$	5,359,187	\$	5,847,846

## **Consolidated Statements of Operations**

(in thousands, except share and per share data) (unaudited)

		Three Mon	ths E	nded		Twelve Mo	nths Ended		
		Decem	ber 3	31,		Decem	ber	31,	
		2023		2022		2023		2022	
Revenue	\$	953,261	\$	702,307	\$	3,283,087	\$	2,817,058	
Costs and expenses:									
Cost of revenue		273,607		369,368		1,059,191		1,256,065	
Sales and marketing		222,963		200,536		830,718		919,550	
Research and development		150,823		118,190		592,386		507,607	
General and administrative		36,354		36,639		152,585		181,627	
Total costs and expenses		683,747		724,733		2,634,880		2,864,849	
Income (loss) from operations		269,514		(22,426)		648,207	Т	(47,791)	
Other income (expense):									
Interest expense and loss on settlement of debt		(71,584)		(54,722)		(275,665)		(171,863)	
Other Income (expense), net		(19,034)		10,976		8,028		14,477	
Total other expense, net		(90,618)		(43,746)		(267,637)	Ξ	(157,386)	
Income (loss) before income taxes		178,896		(66,172)		380,570		(205,177)	
Provision for (benefit from) income taxes		6,663		13,340		23,859		(12,230)	
Net income (loss)		172,233		(79,512)		356,711		(192,947)	
Less: Net loss attributable to noncontrolling interest		_		_		_		(201)	
Net income (loss) attributable to AppLovin	\$	172,233	\$	(79,512)	\$	356,711	\$	(192,746)	
Less: Net income attributable to participating securities		714		_		1,769		_	
Net income (loss) attributable to common stock—Basic	\$	171,519	\$	(79,512)	\$	354,942	\$	(192,746)	
Net income (loss) attributable to common stock—Diluted	\$	171,540	\$	(79,512)	\$	354,993	\$	(192,746)	
Net income (loss) per share attributable to Class A and Class B common stockholders:									
Basic	\$	0.51	\$	(0.21)	\$	1.01	\$	(0.52)	
Diluted	\$	0.49	\$	(0.21)	\$	0.98	\$	(0.52)	
Weighted average common shares used to compute net income (loss) per share attributable to Class A and Class B common stockholders:							_		
Basic	33	7,136,956	37	1,075,205	3	51,952,187	_3	71,568,011	
Diluted	34	7,492,545	37	1,075,205	3	62,589,246	3	71,568,011	

## **Consolidated Statements of Cash Flows**

(in thousands) (unaudited)

	Years Ended	Dece	mber 31,
	2023		2022
Operating Activities			
Net income (loss)	\$ 356,711	\$	(192,947)
Adjustments to reconcile net income (loss) to operating activities:			
Amortization, depreciation and write-offs	489,008		547,084
Stock-based compensation	363,107		191,612
Impairment of investments	27,953		_
Change in operating right-of-use asset	17,842		17,107
Amortization of debt issuance costs and discount	9,363		12,678
Impairment and loss in connection with sale of long-lived assets	_		127,892
Other	6,200		1,786
Changes in operating assets and liabilities:			
Accounts receivable	(261,279)		(174,829)
Prepaid expenses and other current assets	(12,280)		(3,725)
Other assets	(121,688)		(77,343)
Accounts payable	98,574		3,479
Operating lease liabilities	(18,612)		(18,898)
Accrued and other liabilities	92,754		(6,412)
Deferred revenue	13,857		(14,711)
Net cash provided by operating activities	 1,061,510		412,773
Investing Activities	// 2 222		
Acquisitions of businesses and intangible assets	(63,899)		(1,345,776)
Purchase of investments and other	(17,934)		(66,342)
Purchase of property and equipment	(4,246)		(662)
Proceeds from sale of assets and other	 8,250		41,312
Net cash used in investing activities	 (77,829)		(1,371,468)
Financing Activities	(4.452.502)		(220,000)
Repurchases of common stock	(1,153,593)		(338,880)
Principal repayments of debt	(497,994)		(25,810)
Payments of withholding taxes related to net share settlement	(246,435)		(27,535)
Payments of deferred acquisition costs	(33,903)		(124,184)
Payments of licensed asset obligation	(27,110)		(17,374)
Principal payments of finance leases	(20,170)		(24,083)
Payments of debt issuance cost	(4,655)		_
Proceeds from debt issuance	395,281		_
Proceeds from exercise of stock options	20,932		25,487
Proceeds from the issuance of common stock through ESPP	4,856		5,531
Net cash used in financing activities	(1,562,791)		(526,848)
Effect of foreign exchange rate on cash, cash equivalents and restricted cash equivalents	778		(4,477)
Net decrease in cash, cash equivalents and restricted cash equivalents	(578,332)		(1,490,020)
Cash, cash equivalents and restricted cash equivalents at beginning of the period	1,080,484		2,570,504
· · · · · · · · · · · · · · · · · · ·	\$ 502,152	<u>¢</u>	1,080,484

## Reconciliation of Net Cash Provided By Operating Activities to Free Cash Flow

(in thousands)

The following table provides a reconciliation of net cash provided by operating activities to free cash flow for the periods presented:

	Three Mon	ths Ended		Twe	elve Months E	nded	
	4Q22	4Q23	2019	2020	2021	2022	2023
Net cash provided by operating activities	163,199	343,988	198,462	222,883	361,851	412,773	1,061,510
Less:							
Purchase of property and equipment	(41)	(244)	(3,358)	(3,241)	(1,390)	(662)	(4,246)
Principal payments on finance leases	(5,984)	(3,979)	(5,663)	(9,708)	(15,271)	(24,083)	(20,170)
Free Cash Flow	\$ 157,174	\$ 339,765	\$ 189,441	\$ 209,934	\$ 345,190	\$ 388,028	\$1,037,094
Net cash provided by (used in) investing activities	\$ 22,286	\$ (6,804)	\$ (411,554)	\$ (679,891)	\$(1,214,930)	\$(1,371,468)	\$ (77,829)
Net cash provided by (used in) financing activities	\$ (55,411)	\$ (170,524)	\$ 333,160	\$ 377,855	\$ 3,109,546	\$ (526,848)	\$(1,562,791)

## Reconciliation of Net Income (Loss) to Adjusted EBITDA

(in thousands)

The following table provides our Adjusted EBITDA and Adjusted EBITDA margin and a reconciliation of Net Income (Loss) to Adjusted EBITDA for the periods presented:

	Three Months Ended							
	4Q22	1Q23	2Q23	3Q23	4Q23			
Revenue	\$702,307	\$715,405	\$750,165	\$864,256	\$953,261			
Net income (loss)	\$(79,512)	\$ (4,518)	\$80,357	\$108,639	\$172,233			
Net Margin	(11)%	(1)%	11%	13%	18%			
Interest expense and loss on settlement of debt	54,722	74,511	50,987	78,583	71,584			
Other income (expense), net	(10,174)	(9,771)	(15,817)	(771)	18,528			
Provision for income taxes	13,340	1,165	15,445	586	6,663			
Amortization, depreciation and write-offs	129,313	128,208	119,892	121,797	119,111			
Impairment and loss in connection with sale of long-lived assets	100,156	_	_	_	_			
Non-operating foreign exchange loss (gain)	1,519	(672)	126	(613)	(65)			
Stock-based compensation	47,669	82,966	81,253	110,839	88,049			
Acquisition-related expense	227	517	247	231	52			
Restructuring costs	2,340	1,292	1,024	_	_			
Total adjustments	339,112	278,216	253,157	310,652	303,922			
Adjusted EBITDA	\$259,600	\$273,698	\$333,514	\$419,291	\$476,155			
Adjusted EBITDA Margin	37 %	38 %	44 %	49 %	50 %			

## Reconciliation of Net Income (Loss) to Adjusted EBITDA

(in thousands)

The following table provides our Adjusted EBITDA and Adjusted EBITDA margin and a reconciliation of Net Income (Loss) to Adjusted EBITDA for the periods presented:

		Twel	ve Months E	nded	
	2019	2020	2021	2022	2023
Revenue	\$994,104	\$1,451,086	\$2,793,104	\$2,817,058	\$3,283,087
Net income (loss)	\$119,040	\$(125,934)	\$ 35,338	\$(192,947)	\$356,711
Net Margin	12%	(9)%	1%	(7)%	11%
Interest expense and loss on settlement of debt	73,955	77,873	103,170	171,863	275,665
Other income (expense), net	(5,818)	(6,183)	(7,545)	(18,647)	(7,831)
Provision for (benefit from) income taxes	7,194	(9,772)	10,973	(12,230)	23,859
Amortization, depreciation and write-offs	92,806	254,951	431,063	547,084	489,008
Impairment and loss in connection with sale of long-lived assets	_	_	_	127,892	_
Non-operating foreign exchange loss (gain)	_	1,210	(1,537)	(164)	(1,224)
Stock-based compensation	10,222	62,387	135,468	191,612	363,107
Acquisition-related expense and transaction bonus	3,798	7,850	16,887	21,279	1,047
Publisher bonuses	_	_	3,227	209,635	_
MoPub acquisition transition services	_	_	_	6,999	_
Restructuring costs	_	_	_	10,834	2,316
Change in the fair value of contingent consideration	_	442	(230)	_	_
Lease modification and abandonment of leasehold improvements	_	7,851	_	_	_
Loss on extinguishments of acquisition related contingent consideration	_	74,820	_	_	_
Total adjustments	182,157	471,429	691,476	1,256,157	1,145,947
Adjusted EBITDA	\$301,197	\$345,495	\$726,814	\$1,063,210	\$1,502,658
Adjusted EBITDA Margin	30 %	24 %	26 %	38 %	46 %

## **Segment Information**

(in thousands)

The following table provides selected financial data for our reportable segments for the periods indicated:

	_		_		-		_		_	
		4Q22		1Q23		2Q23		3Q23		4Q23
Revenue:										
Software Platform	\$	306,195	\$	354,758	\$	406,063	\$	504,452	\$	576,489
Apps		396,112		360,647		344,102		359,804		376,772
Total Revenue	\$	702,307	\$	715,405	\$	750,165	\$	864,256	\$	953,261
Segment Adjusted EBITDA:										
Software Platform	\$	185,860	\$	218,694	\$	272,886	\$	364,117	\$	420,008
Apps		73,740		55,004		60,628		55,174		56,147
Total Segment Adjusted EBITDA	\$	259,600	\$	273,698	\$	333,514	\$	419,291	\$	476,155
Interest expense and loss on										
settlement of debt		(54,722)		(74,511)		(50,987)		(78,583)		(71,584)
Other income (expense), net		10,174		9,771		15,817		771		(18,528)
Amortization, depreciation and write- offs		(129,313)		(128,208)		(119,892)		(121,797)		(119,111)
Impairment and loss in connection with sale of long-lived assets		(100,156)		_		_		_		_
Non-operating foreign exchange gain (loss)		(1,519)		672		(126)		613		65
Stock-based compensation		(47,669)		(82,966)		(81,253)		(110,839)		(88,049)
Acquisition-related expense		(227)		(517)		(247)		(231)		(52)
Restructuring costs		(2,340)		(1,292)		(1,024)		_		_
Income (loss) before provision for tax	\$	(66,172)	\$	(3,353)	\$	95,802	\$	109,225	\$	178,896
			_							
Segment Adjusted EBITDA Margin:										
Software Platform		61 %		62 %		67 %		72 %		73 %
Apps		19 %		15 %		18 %		15 %		15 %

#### **Segment Information**

(in thousands)

The following table provides selected financial data for our reportable segments for the periods indicated:

	_							
		2019	2020		2021	 2022		2023
Revenue:								
Software Platform	\$	198,305	\$ 207,285	\$	673,952	\$ 1,049,167	\$ 1	,841,762
Apps		795,799	1,243,801	:	2,119,152	1,767,891		,441,325
Total Revenue	\$	994,104	\$ 1,451,086	\$ :	2,793,104	\$ 2,817,058	\$ 3	3,283,087
Segment Adjusted EBITDA:								
Software Platform	\$	136,257	\$ 121,114	\$	457,302	\$ 808,415	\$ ′	,275,705
Apps		164,940	 224,381		269,512	 254,795		226,953
Total Segment Adjusted EBITDA	\$	301,197	\$ 345,495	\$	726,814	\$ 1,063,210	\$ ′	,502,658
Interest expense and loss on settlement of debt		(73,955)	(77,873)		(103,170)	(171,863)		(275,665)
Other income (expense), net		5,818	6,183		7,545	18,647		7,831
Amortization, depreciation and write- offs		(92,806)	(254,951)		(431,063)	(547,084)		(489,008)
Impairment and loss in connection with sale of long-lived assets		_	_		_	(127,892)		_
Non-operating foreign exchange gain (loss)		_	(1,210)		1,537	164		1,224
Stock-based compensation		(10,222)	(62,387)		(135,468)	(191,612)		(363,107)
Acquisition-related expense		(3,798)	(7,850)		(16,887)	(21,279)		(1,047)
Publisher bonuses		_	_		(3,227)	(209,635)		_
MoPub acquisition transition services		_	_		_	(6,999)		_
Restructuring costs		_	_		_	(10,834)		(2,316)
Change in the fair value of contingent consideration		_	(442)		230	_		_
Lease modification and abandonment of leasehold improvements		_	(7,851)		_	_		_
Loss on extinguishments of acquisition related contingent consideration		_	(74,820)		_	_		_
Income (loss) before provision for tax	\$	126,234	\$ (135,706)	\$	46,311	\$ (205,177)	\$	380,570
Segment Adjusted EBITDA Margin:								
Software Platform		69 %	58 %		68 %	77 %		69 %
Apps		21 %	18 %		13 %	14 %		16 %

