National App Developer Economy Survey

Key Findings

	Frequency	Percentage

Developers worry that **fragmenting the web/app development ecosystem would decrease innovation, damage app security, and decrease quality**.

Respondents selecting one or more of the following: "Decreased ability to innovate," "Reduced app quality," or "Security concerns" when asked the question, "Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about?"

	Frequency	Percentage
Selected	258	83%
Not Selected	52	17%

Developers worry that **fragmenting the web/app development ecosystem would make development more difficult and costly**.

Respondents selecting one or more of the following: "Increased costs," "Increased workload on myself and/or team," "The learning curve of new systems," "Tool incompatibility," or "Reduced reusability of code" when asked the question, "Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about?"

	Frequency	Percentage
Selected	277	89%
Not Selected	33	11%

Web/App developers **are satisfied with their jobs**.

	Frequency	Percentage
Very or Somewhat Satisfied	285	92%
Very or Somewhat Unsatisfied	24	8%

Web/App developers **like the way that the web/app development ecosystem works.**

	Frequency	Percentage
Very or Somewhat Favorable Opinion	291	94%
Very or Somewhat Unfavorable Opinion	19	6%

National Developers Poll

Topline Report   **October 04-07, 2024**

Question	Response	Frequency	Percentage
TECH1	*Thinking about your current employment, would you say you are satisfied or unsatisfied with your job?*		
	Very satisfied	162	52%
	Somewhat satisfied	123	40%
	Somewhat unsatisfied	7	2%
	Very unsatisfied	17	6%
TECH2_1NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — The creative freedom I have (N=285)*		
	Selected	96	34%
	Not Selected	189	66%
TECH2_2NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — Regular challenges to problem solve (N=285)*		
	Selected	73	26%
	Not Selected	212	74%
TECH2_3NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — I am constantly learning new things (N=285)*		
	Selected	122	43%
	Not Selected	164	57%
TECH2_4NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — I get to work remotely (N=285)*		
	Selected	90	32%
	Not Selected	195	68%
TECH2_5NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — I have a nice office to work at (N=285)*		
	Selected	71	25%
	Not Selected	214	75%

Question	Response	Frequency	Percentage
TECH2_6NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — My work is impactful (N=285)*		
	Selected	107	37%
	Not Selected	178	63%
TECH2_7NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — I get to collaborate with talented people (N=285)*		
	Selected	100	35%
	Not Selected	186	65%
TECH2_8NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — I get to experiment with new technology (N=285)*		
	Selected	115	40%
	Not Selected	170	60%
TECH2_9NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — I have autonomy in my work (N=285)*		
	Selected	107	38%
	Not Selected	178	62%
TECH2_10NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — I am paid well (N=285)*		
	Selected	103	36%
	Not Selected	182	64%
TECH2_11NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — I have a good work-life balance (N=285)*		
	Selected	138	48%
	Not Selected	147	52%
TECH2_12NET	*You indicated that you are satisfied with your job. Which of the following reasons, if any, characterize why you are satisfied with your job? Please select all that apply. — Another reason, please specify (N=285)*		
	Not Selected	285	100%

Question	Response	Frequency	Percentage
TECH3_1NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — The job is too stressful (N=25)*		
	Selected	11	46%
	Not Selected	13	54%
TECH3_2NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — Expectation of long hours (N=25)*		
	Selected	6	26%
	Not Selected	18	74%
TECH3_3NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — I am burnt out (N=25)*		
	Selected	5	20%
	Not Selected	20	80%
TECH3_4NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — There are unclear expectations (N=25)*		
	Selected	10	39%
	Not Selected	15	61%
TECH3_5NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — I have to go into a office to work (N=25)*		
	Selected	7	28%
	Not Selected	18	72%
TECH3_6NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — There are limited growth opportunities (N=25)*		
	Selected	7	28%
	Not Selected	18	72%
TECH3_7NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — The industry is constantly changing (N=25)*		
	Selected	5	19%
	Not Selected	20	81%

Question	Response	Frequency	Percentage
TECH3_8NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — Poor management (N=25)*		
	Selected	2	10%
	Not Selected	22	90%
TECH3_9NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — I do not feel secure at my job (N=25)*		
	Selected	3	12%
	Not Selected	22	88%
TECH3_10NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — I am not paid well (N=25)*		
	Selected	9	38%
	Not Selected	15	62%
TECH3_11NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — I have no work-life balance (N=25)*		
	Selected	12	50%
	Not Selected	12	50%
TECH3_12NET	*You indicated that you are unsatisfied with your job. Which of the following reasons, if any, characterize why you are unsatisfied with your job? Please select all that apply. — Another reason, please specify (N=25)*		
	Not Selected	25	100%
TECH4	*Do you have a favorable or unfavorable opinion of your current web/app development ecosystem?*		
	Very favorable	162	52%
	Somewhat favorable	129	42%
	Somewhat unfavorable	4	1%
	Very unfavorable	15	5%
TECH5_1NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Increased costs*		
	Selected	113	36%
	Not Selected	197	64%

Question	Response	Frequency	Percentage
TECH5_2NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Reduced app quality*		
	Selected	113	37%
	Not Selected	197	63%
TECH5_3NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Increased workload on myself and/or team*		
	Selected	89	29%
	Not Selected	221	71%
TECH5_4NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Decreased ability to innovate*		
	Selected	89	29%
	Not Selected	221	71%
TECH5_5NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Security concerns*		
	Selected	144	47%
	Not Selected	166	53%
TECH5_6NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — The learning curve of new systems*		
	Selected	80	26%
	Not Selected	230	74%
TECH5_7NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Tool incompatibility*		
	Selected	122	39%
	Not Selected	188	61%
TECH5_8NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Reduced reusability of code*		
	Selected	104	34%
	Not Selected	206	66%

Question	Response		Frequency	Percentage
TECH5_9NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Decreased job mobility*			
		Selected	67	22%
		Not Selected	243	78%
TECH5_10NET	*Thinking about your day-to-day work, if the web/app development ecosystem became fragmented, what are the things, if any, that you would be most concerned about? Please select all that apply. — Other, please specify*			
		Not Selected	310	100%
TECHdem1_1NET	*Which of the following best describes you? You can pick more than one. — I'm a professional developer, engineer or data scientist*			
		Selected	204	66%
		Not Selected	106	34%
TECHdem1_2NET	*Which of the following best describes you? You can pick more than one. — I manage software developers, engineers or data scientists*			
		Selected	158	51%
		Not Selected	152	49%
TECHdem1_3NET	*Which of the following best describes you? You can pick more than one. — I am the primary leader/decision maker for an app company/company with an app*			
		Selected	49	16%
		Not Selected	261	84%
TECHdem1_4NET	*Which of the following best describes you? You can pick more than one. — I develop software and/or technology solutions as a hobby*			
		Selected	28	9%
		Not Selected	282	91%
TECHdem1_5NET	*Which of the following best describes you? You can pick more than one. — I'm a student who is learning to develop software and/or technology solutions*			
		Selected	4	1%
		Not Selected	306	99%
TECHdem1_6NET	*Which of the following best describes you? You can pick more than one. — I don't have a role in development professionally yet, but I want to switch career field*			
		Not Selected	310	100%
TECHdem1_7NET	*Which of the following best describes you? You can pick more than one. — I am not involved in mobile, web, cloud, or machine learning development at all*			
		Not Selected	310	100%

Question	Response	Frequency	Percentage
TECHdem1_8NET	*Which of the following best describes you? You can pick more than one. — None of the above*		
	Not Selected	310	100%
TECHdem2	*How long have you been working in the area of development?*		
	1 year - less than 2 years	2	1%
	2 years - less than 5 years	86	28%
	5 years - less than 10 years	142	46%
	10 years - less than 15 years	49	16%
	15 years or more	31	10%
TECHdem3_1NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — iOS/macOS*		
	Selected	157	51%
	Not Selected	153	49%
TECHdem3_2NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Android*		
	Selected	164	53%
	Not Selected	146	47%
TECHdem3_3NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Web*		
	Selected	125	40%
	Not Selected	185	60%
TECHdem3_4NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Facebook*		
	Selected	43	14%
	Not Selected	267	86%
TECHdem3_5NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Gaming Console*		
	Selected	53	17%
	Not Selected	257	83%
TECHdem3_6NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — PC/Computer*		
	Selected	112	36%
	Not Selected	198	64%
TECHdem3_7NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Chrome OS*		
	Selected	82	26%
	Not Selected	228	74%

Question	Response	Frequency	Percentage
TECHdem3_8NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Huawei Harmony*		
	Selected	14	5%
	Not Selected	296	95%
TECHdem3_9NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — WearOS*		
	Selected	32	10%
	Not Selected	278	90%
TECHdem3_10NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Android TV*		
	Selected	51	17%
	Not Selected	259	83%
TECHdem3_11NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Google TV*		
	Selected	45	14%
	Not Selected	265	86%
TECHdem3_12NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Windows*		
	Selected	182	59%
	Not Selected	128	41%
TECHdem3_13NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Linux*		
	Selected	74	24%
	Not Selected	236	76%
TECHdem3_14NET	*For which of these platforms do you or your company develop app(s)/game(s)? Select all that apply. — Some other platform, please specify:*		
	Not Selected	310	100%
TECHdem4	*In your role as a software professional, what level of management do you have, if at all, at your current employer?*		
	I do not oversee or manage any other developers	23	7%
	I oversee and manage 1 other developer	9	3%
	I oversee and manage 2-5 other developers	103	33%
	I oversee and manage 5-9 other developers	114	37%
	I oversee and manage 10+ other developers	61	20%

Note: Group proportions may total to larger than one-hundred percent due to rounding. All statistics are calculated for registered voters with demographic post-stratification weights applied.

Respondent Demographics Summary

Summary Statistics of Survey Respondent Demographics

Demographic	Group	Frequency	Percentage
xdemAll	Developers	310	100%
age3	Age: 18-34	108	35%
	Age: 35-44	79	25%
	Age: 45+	124	40%
	N	310	
xdemGender	Gender: Male	234	76%
	Gender: Female	76	24%
	N	310	

Note: Group proportions may total to larger than one-hundred percent due to rounding. All statistics are calculated with demographic post-stratification weights applied.