



Developer Profile 1

What we know about the global community of developers.

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Education

1.1

Educational attainment

66% of developers have a BA/BS or MA/MS degree despite only 49% of

developers learning to code at school.

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Professional Developers

Methodology

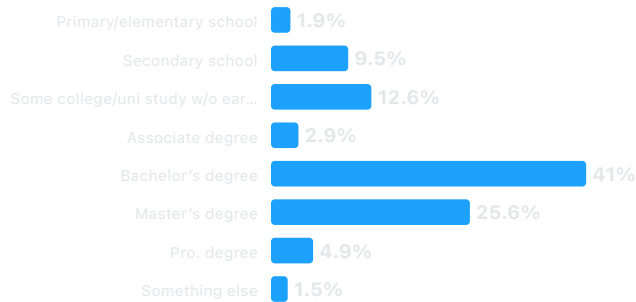
? Which of the following best describes the highest level of formal education that you've completed? *

All Respondents

Professional Developers

Learning to Code

Other Coders

[Download](#) [Share](#)Responses: **60,192** (92%)

Learning to code

1.2

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Online resources are the top choice for developers to learn code according to 82% of responses.

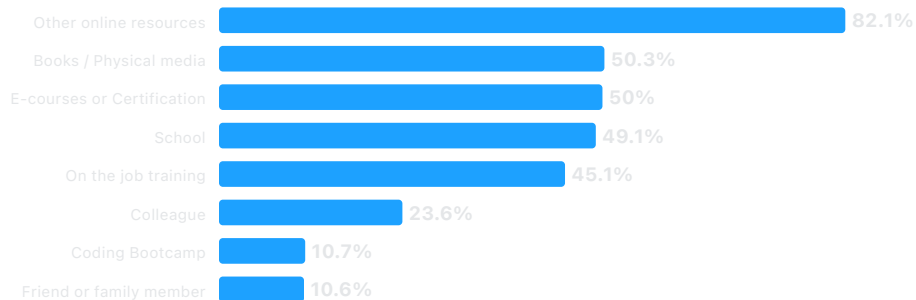
Respondents 18 - 24 years old are most likely to learn code at traditional schools of all the age groups, and consistently so for the last three years.

? How do you learn to code? Select all that apply.

All Respondents

Learning to Code

By Age

[Download](#)[Share](#)Responses: **59,912** (91.6%)

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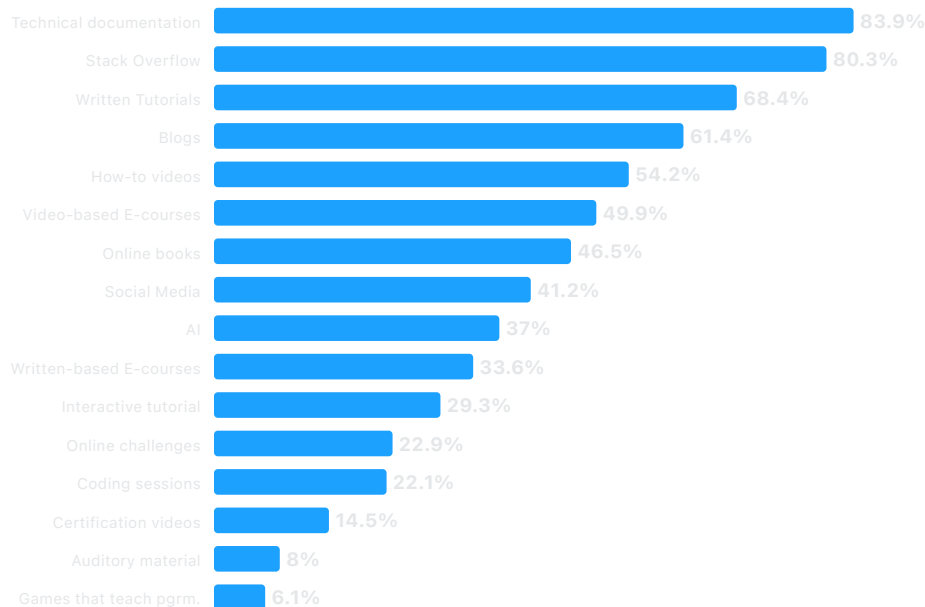
Professional Developers

Methodology

code

Technical documentation (84%) and Stack Overflow (80%) continue to be the top online resources to learn code. 37% of responses indicate AI is helping them learn, too.

? What online resources do you use to learn to code? Select all that apply.

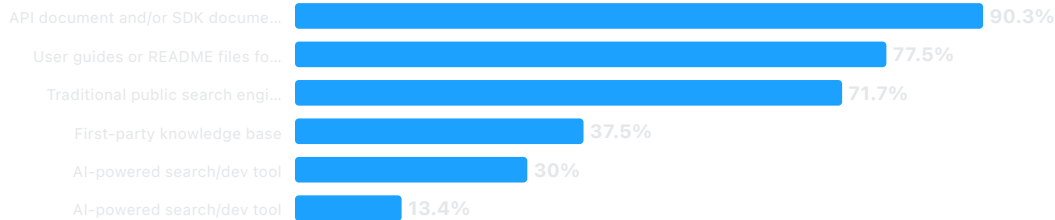
[Download](#) [Share](#)Responses: **48,822** (74.6%)

Technical documentation preferences to learn how to code

API and SDK documents are the documentation source of choice for 90% of developers.

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code? Select all that apply.


[Download](#)[Share](#)Responses: **40,602** (62%)

Experience

1.3

Years coding

More than 1 in 3 developers that took the survey this year have been coding as long as or longer than Stack Overflow existed. 38% of respondents have been coding for 15 years or more.

 Including any education, how many years have you been coding in total?

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Technology

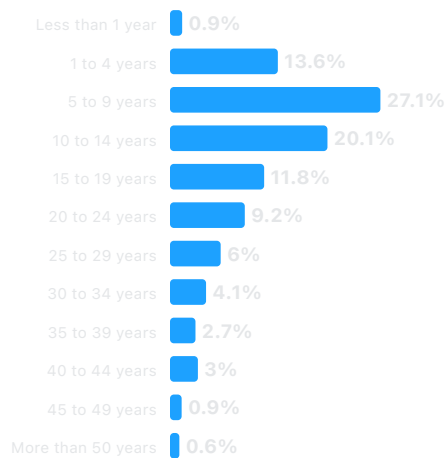
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Responses: **59,349** (90.7%)

Years coding professionally

1 in 3 developers have been coding professionally for four years or less.



NOT including education, how many years have you coded professionally (as a part of your work)?

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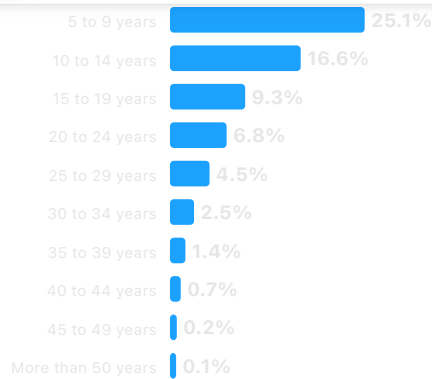
AI

Work

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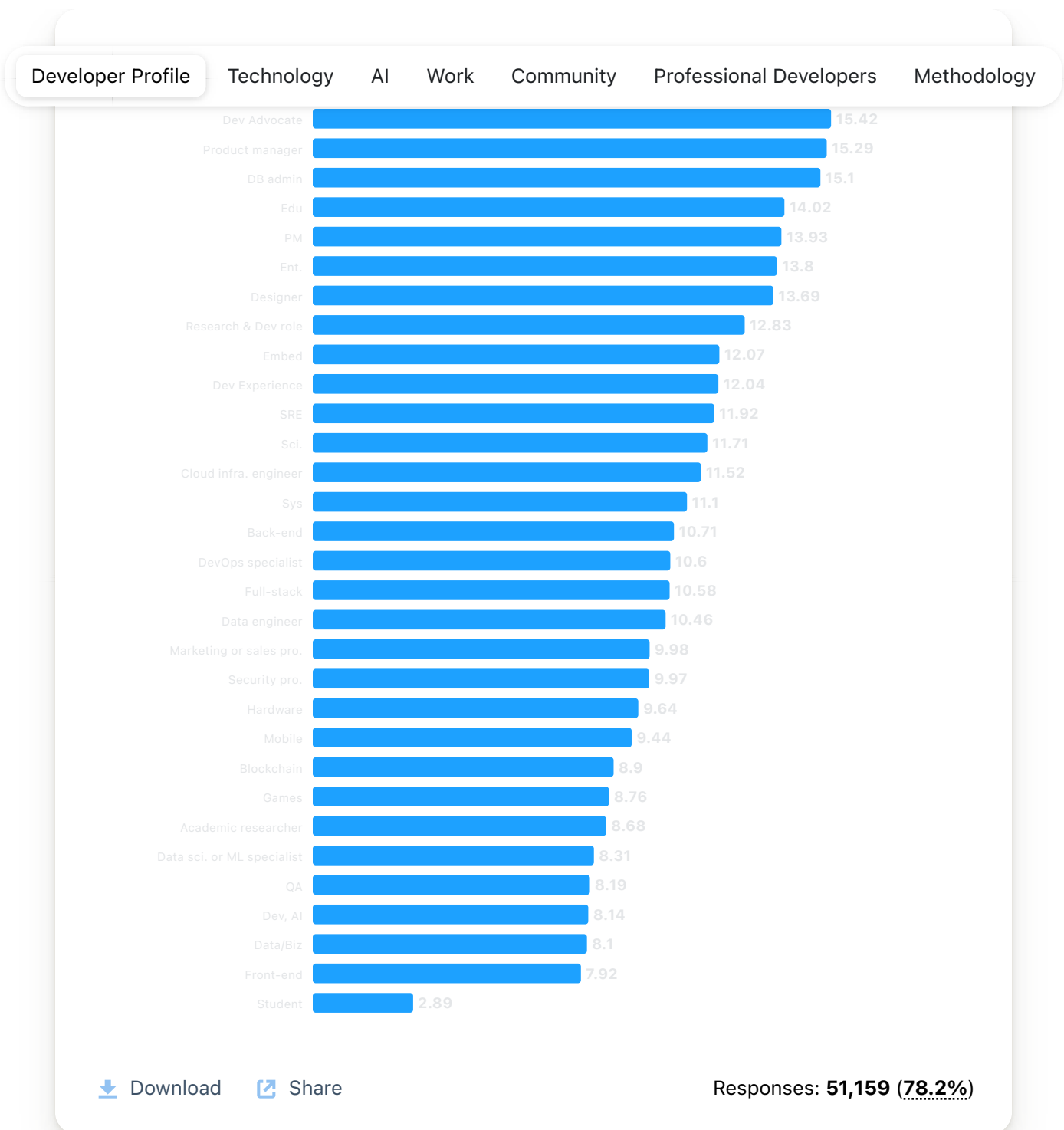
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[Download](#) [Share](#)Responses: **51,159** (78.2%)

Years of professional coding experience by developer type

People managers such as executives and engineering managers are reporting the highest average years of coding this year with more than 15 years of experience, while popular developer roles such as back-end and full-stack developers are reporting 10-11 years experience on average.

? NOT including education, how many years have you coded professionally (as a part of your work)?



Developer roles

1.4

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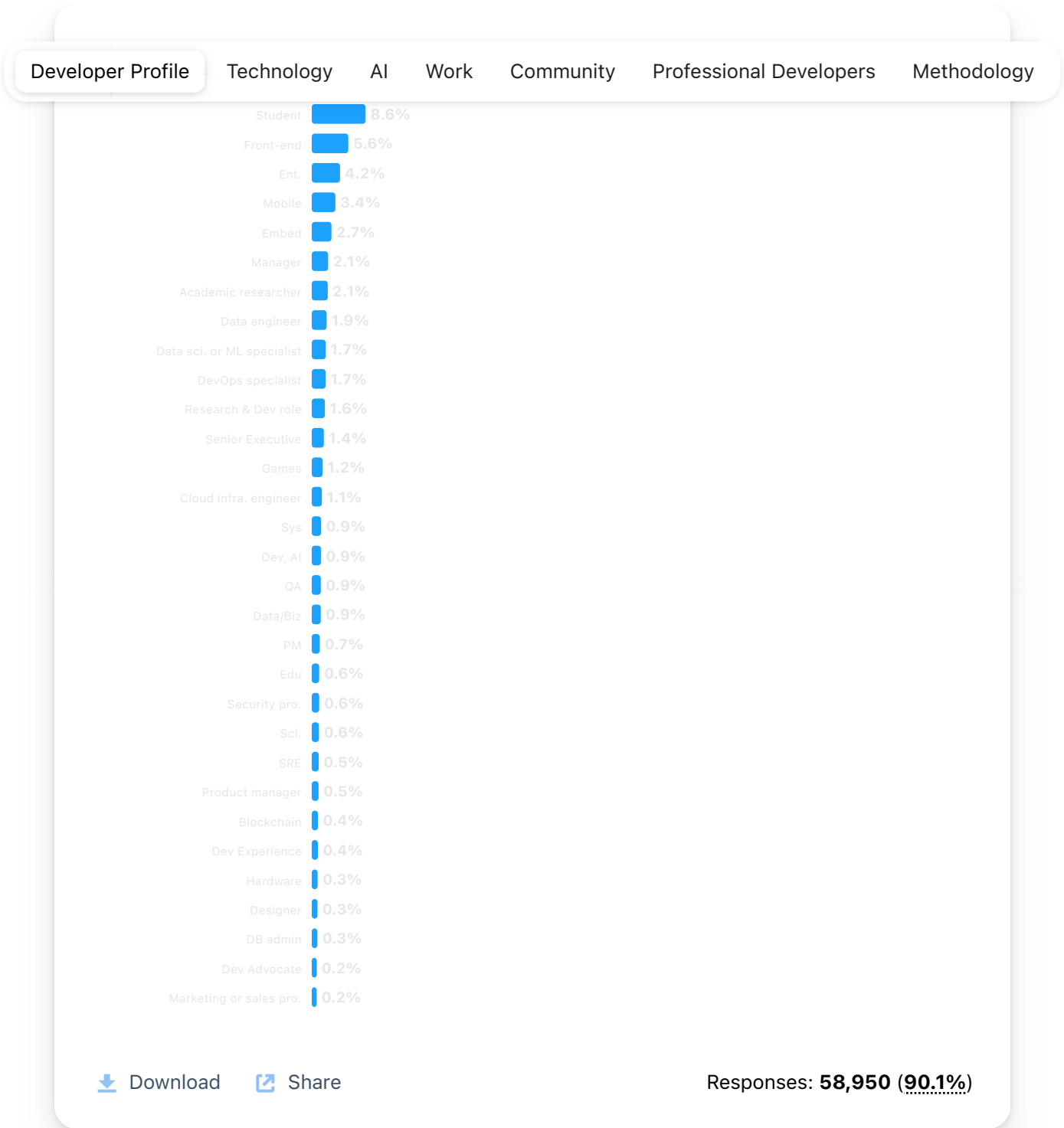
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Methodology

Full-stack, back-end, and front-end developers were the top three roles reported by developers for the last three years; however, front-end developers have decreased from 6.6% to 5.6% since last year. This year, more developers identify as students than as front-end employees and we saw a slight increase in developers who have an embedded applications role or are academic researchers.

 Which of the following describes your current job, the one you do most of the time? Please select only one.



Key territories

1.5

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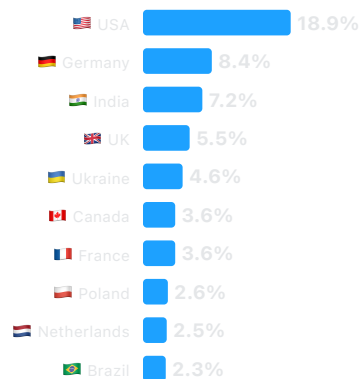
Methodology

52% of respondents shared their country in this year's survey. The top 10 countries account for 60% of those that were given, and Europe accounts for most of the top-responding countries.

? Where do you live? *

Top 10 Countries

All Countries



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Responses: **34,554** (52.8%)

Demographics

1.6

Age

Most developers in the survey this year report being 25 - 34 years old

(37%). That number increases for professional developers to 42% and

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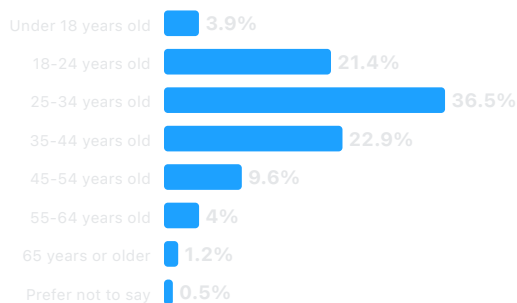
? What is your age?*

All Respondents

Professional Developers

Learning to Code

Other Coders



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Responses: 64,287 (98.2%)

Next

Technology



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