Current Technology Usage

Top 10 Langauages

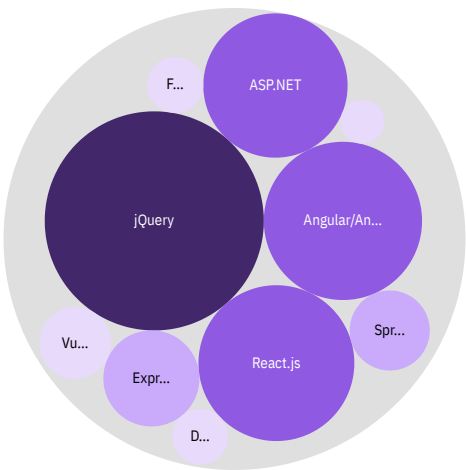| Language	Respondent (Sum)
JavaScript	108,371,442
HTML/CSS	97,521,608
SQL	88,712,115
Bash/Shell/PowerShell	57,976,092
Python	56,108,957
Java	55,836,723
C#	53,376,993
TypeScript	40,230,558
PHP	36,438,296
C++	24,456,246

Languages (y-axis) — Respondent (Sum) (x-axis, 0 to 120,000,000)

Top 10 Databases

Database	Number of Developers (Sum)
MySQL	68,301,583
PostgreSQL	51,129,157
Microsoft SQL Ser...	51,056,094
SQLite	40,137,629
MongoDB	37,462,758
Redis	31,557,370
Elasticsearch	24,154,705
MariaDB	21,299,862
Oracle	21,247,003
Firebase	16,227,799

Databases (x-axis) — Number of Developers (Sum) (y-axis, 0 to 80,000,000)

Platforms Utilized by Developers

Linux, Windows, Slack, Docker, Android, MacOS, AWS, Google Cloud Platform, iOS, Microsoft Azure, Arduino, Kubernetes, Raspberry Pi, WordPress, Heroku, IBM Cloud or Watson

Top 10 Web Frameworks

jQuery, ASP.NET, Angular/An..., React.js, F..., Spr..., Vu..., Expr..., D...

Future Technology Trend

Top 10 Prospective Developer Languages

Language	Number of Developers (Sum)
JavaScript	82,435,603
Python	65,819,056
HTML/CSS	65,736,854
SQL	62,270,210
TypeScript	50,369,647
C#	44,603,822
Bash/Shell/PowerShell	38,409,434
Java	36,736,341
Go	34,588,729
Kotlin	23,464,961

Number of Developers (Sum): 0, 10,000,000, 30,000,000, 50,000,000, 70,000,000, 90,000,000
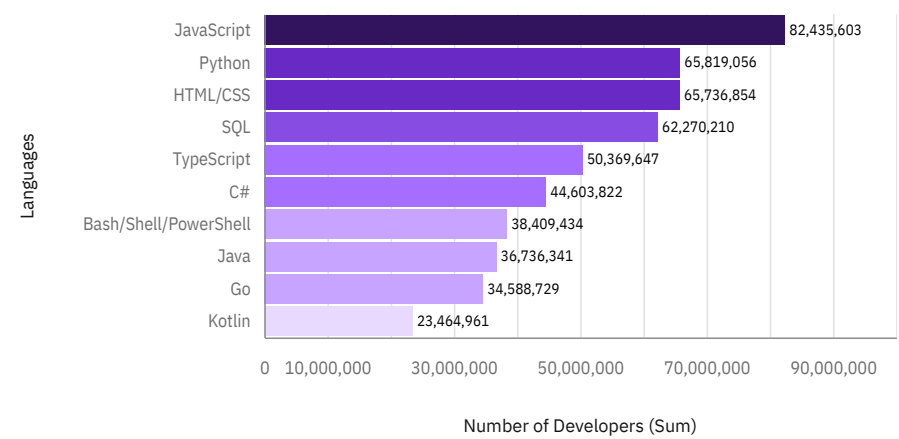
Top 10 Prospective Developer Databases

Database	Number of Developers (Sum)
PostgreSQL	53,804,386
MongoDB	45,897,489
Redis	41,370,718
MySQL	41,353,217
Elasticsearch	35,314,757
Microsoft SQL Ser...	33,649,369
SQLite	30,320,901
Firebase	20,585,232
MariaDB	17,280,016
Dyna...	12,995,539
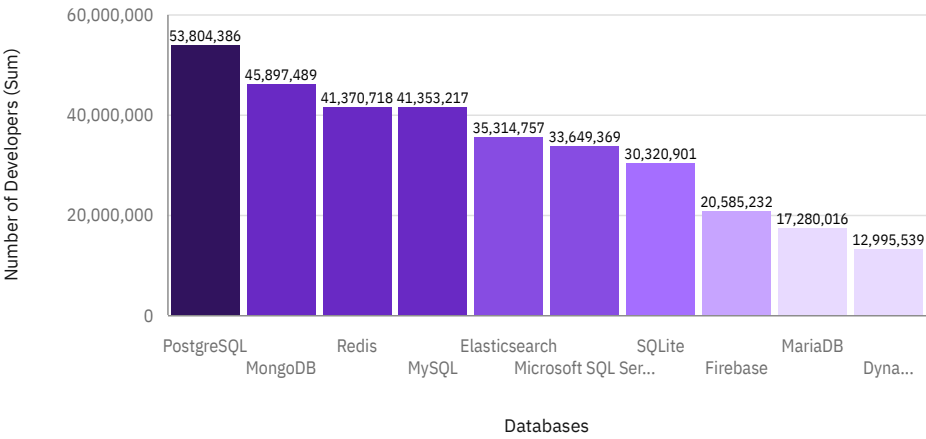
Prospective Developer Platforms

Linux, Docker, AWS, Windows, Android, Kubernetes, Slack, Microsoft Azure, MacOS, iOS, Arduino, Raspberry Pi, Google Clo..., Heroku, WordP..., I..., Other(s):
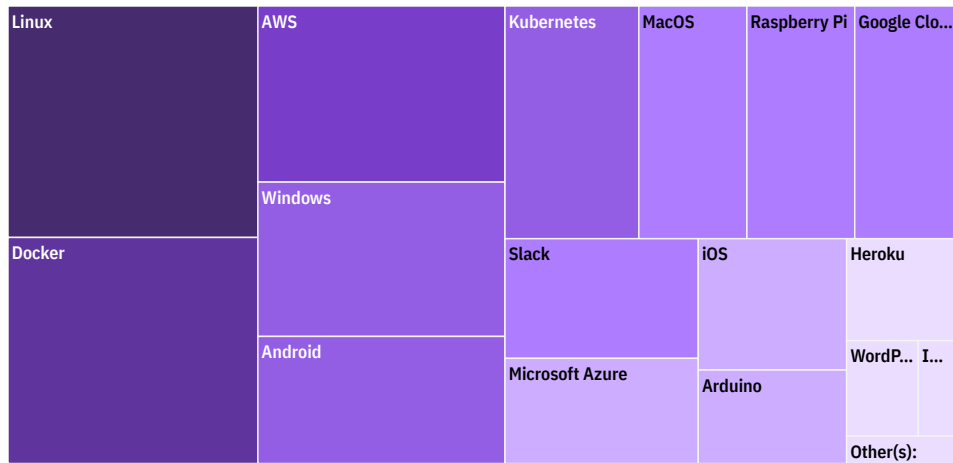
Prospective Developer Webframes

React.js, Vue.js, Angular/A..., ASP.NET, jQuery, Spr..., F..., Expr..., Dj..., R...
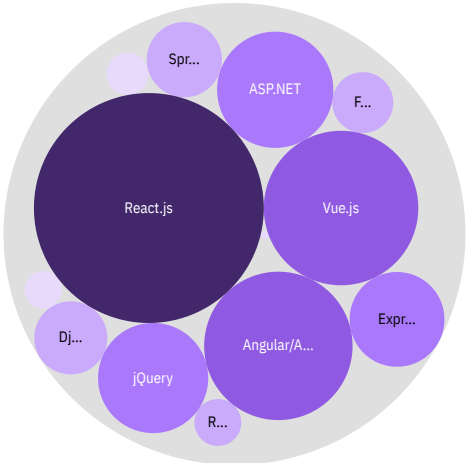
Demographics

Developer Gender

- Woman;Man;Non-binary, genderq...
- Woman;Man
- Woman;Non-binary, genderqueer,...
- Man;Non-binary, genderqueer, or ...
- Non-binary, genderqueer, or gend...
- Woman
- Man

92.5%
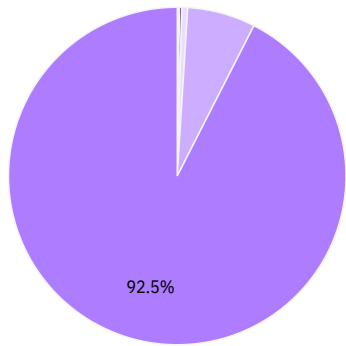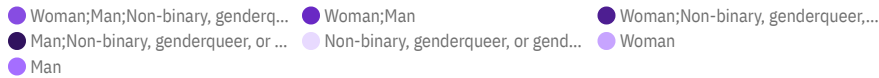
Developer Density

© Mapbox © OpenStreetMap
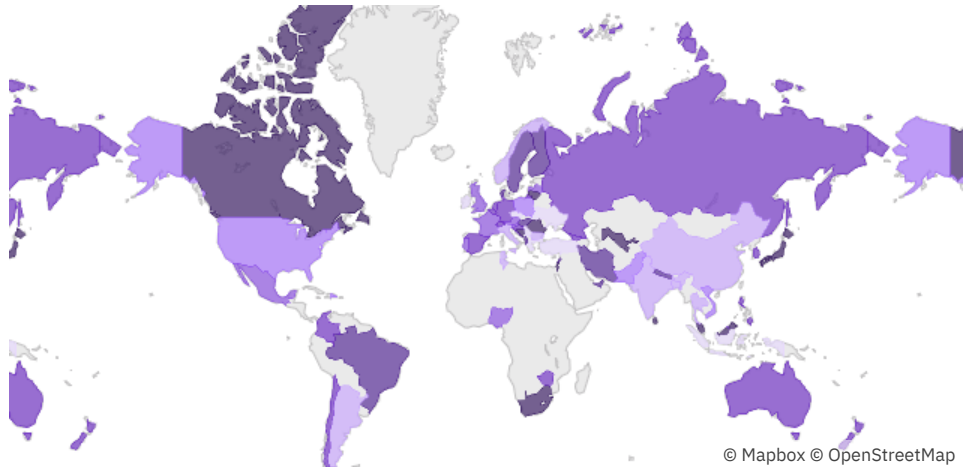
Developer Age
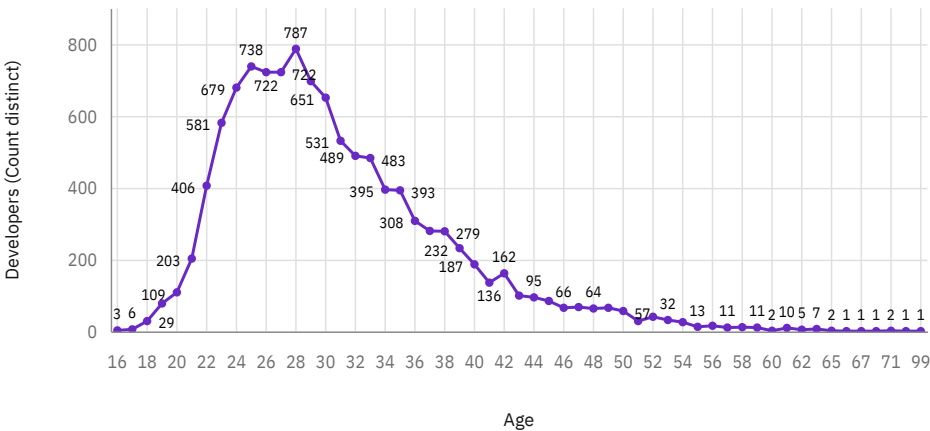
Gender grouped by Education

Gender

- Man
- Man;Non-binary, genderqueer, or ...
- Non-binary, genderqueer, or gend...
- Woman
- Woman;Man
- Woman;Man;Non-binary, genderq...
- Woman;Non-binary, genderqueer,...

Bachelor's degree (BA, BS, B.Eng., etc.) — 5,196 | 406
Master's degree (MA, MS, M.Eng., MBA, etc.) — 2,412
Some college/university study without earning a degree — 1,255
Secondary school (e.g. American high school, German R... — 477
Associate degree
Other doctoral degree (Ph.D, Ed.D., etc.)
Professional degree (JD, MD, etc.)
I never completed any formal education
Primary/elementary school