

Tech in Finance

Dice Tech Job Report: Special Edition

Jan. 1 – May 31, 2022

Key Trends

Investment in tech continues as financial powerhouses expand their tech teams for product and service innovation.

There is an industry-wide move to make banking accessible and inclusive – and this requires technologists.

Despite volatility in crypto and fintech, tech hiring in the broader financial sector remains strong.

Resources

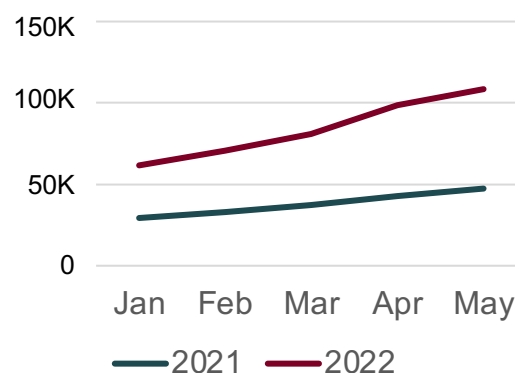


Check out Dice's [**Employer Resource Center**](#) for eBooks, webinars and more on tech hiring.

Companies big and small across the industry are investing in tech and prioritizing both innovation (leading the market) and inclusion (expanding the market). Job postings seeking technologists with software engineering and automation skills and experience in programming languages point to the finance industry's focus on full digitization.

U.S. Tech Job Postings in Finance

Technologists are in high demand, with considerable year-over-year growth, as the finance industry continues to invest in innovation through digitization.



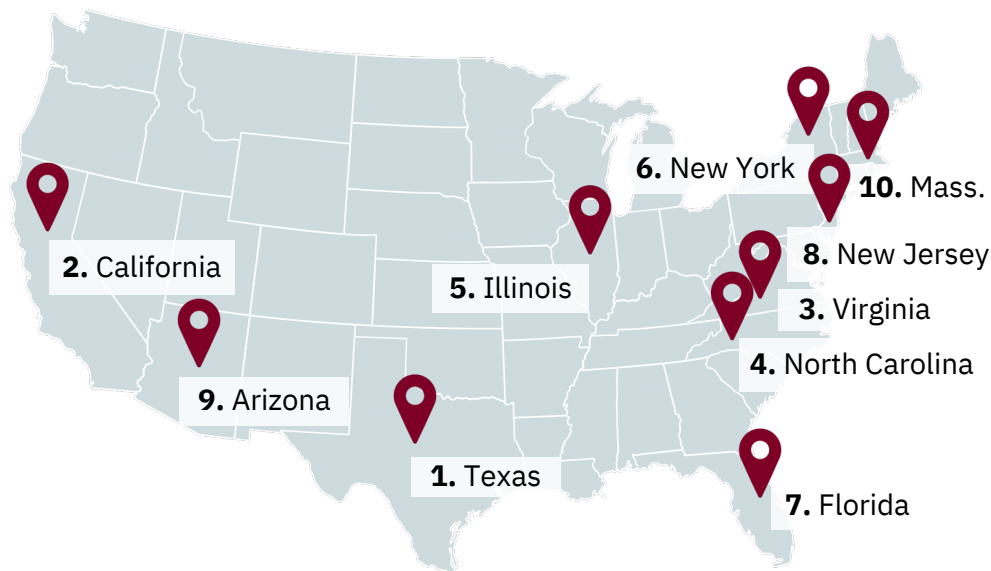
Top Occupations

Rank	Occupation
1	Software Engineer
2	Full Stack Software Engineer
3	Back End Software Engineer
4	Directors of Software Engineering
5	DevOps Engineer
6	Data Engineer
7	Business Analyst
8	Business Systems Analyst
9	Data Scientist
10	Lead Software Engineer

Software Engineers easily top the list as the most sought-after tech occupation in finance, with 28% average growth in job postings January-May. Engineers who specialize in Full Stack, Back End and DevOps are also in high demand and seeing consistent growth in job postings. These engineers will likely be working on projects that support an [industry-wide aspiration](#) to make banking more accessible and inclusive through digitization.

Top States

While ‘finance’ is often viewed as synonymous with New York City, finance-related tech jobs are spread across the U.S. A mix of banks, tech companies, consultancies and fintech startups are driving finance-related tech hiring in multiple states, with Texas, California and Virginia topping the list. In fact, New York and New Jersey, which host the tech talent feeding Wall Street and New York-based finance giants such as Citigroup, are relatively far down the top ten.



Top Tech Skills

Rank	Skill
1	Agile Methodology
2	Software Engineering
3	Amazon Web Services (AWS)
4	Java
5	Python
6	SQL
7	Computer Science
8	Authorization (Computing)
9	Automation
10	Financial Services

When it comes to finance-related tech skills, knowing certain languages and platforms is key. Python is widely used in finance, especially data analytics; Java has found its way into everything from trading platforms to consumer-facing apps; and SQL is essential for database work.

As more finance companies migrate to the cloud, demand for Amazon Web Services (AWS) knowledge is constant. Firms are also hungry for cutting-edge skills such as automation (and they’re happy to pay for it).

Top Employers

Capital One, even with its internal program for upskilling existing talent in software engineering, was the top employer of tech talent across January-May. JPMorgan Chase and Edward Jones, who both announced considerable investment in tech this year, also appear on this list.

Fidelity Investments is in its third straight year of record hiring, showing no signs of slowing after announcing it plans to [add 12,000 new jobs by the end of the third quarter](#), many of which can be safely assumed to be tech-related.

Rank	Company
1	Capital One
2	Wells Fargo
3	Bank of America
4	JPMorgan Chase
5	Citigroup
6	US Bank
7	Edward Jones
8	Nelnet
9	Fidelity Investments
10	Regions Financial

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