

These are the 3 hottest software engineering roles in 2023

Despite all of those highly-publicised tech sector layoffs we've seen depicted in the media, there is some good news for those with relevant technical skills. Mbula Schoen, a senior director analyst at Gartner says that, "Contrary to what we're seeing in the headlines, many of those being impacted by layoffs are in business functions, rather than tech roles."

Schoen *also says that*, "Gartner research found that the companies behind the 10 largest layoffs in tech talent still employ over 150,000 more people in total than at the beginning of 2020."

In another study from 2022, Gartner reported that a skills shortage exists, with 86% of CIOs saying they were experiencing more competition for qualified candidates, and 73% were worried about IT talent attrition.

Because there simply isn't a large pool of tech talent active in the job market, as a result, there are a number of sought-after, in-demand skills, such as web development, DevOps and database software, according to *data from Statista*. Those skills are closely followed by AI and ML, mobile development, cloud computing and UI/UX.

Developers and engineers too, are in hot demand, with one *hiring trends report*

finding that starting pay is 64% above the national average.

Additionally, 46% of those surveyed said their most common reason for turning down a job offer is because they've already gotten a new job, further indicating the impact of the skills shortage.

The report also found that over 40% of the UK's tech talent is hired in London, with Manchester, Birmingham, Milton Keynes and Reading also top locations. When it comes to software roles, a recent report focusing on [UK software engineers](#) had positive findings.

Top three most in-demand roles

Despite layoffs and downsizing, 68% of engineers are confident they'll remain employed, and there is good news for the cost of living crisis too, with UK engineering salaries increasing by 8% from 2021 to 2022. When it comes to the jobs to look at, the top three most in-demand roles are for backend, full stack, and frontend engineers.

These roles received the highest volume of interview requests compared to other roles, with data finding that in particular, demand for frontend engineers is outpacing that for backend engineers.

Interested in accelerating your software development career further this year? The [Maddyness Job Board](#) is a great place to compare open positions, like the three below.

Full-Stack Web Developer (Remote), Citi, London

Citi is hiring a [Full-Stack Web Developer](#) to take on a hands-on role and participate in design and development of various web and backend components. You'll also build and maintain specific platforms, ensure timely delivery of work items across the multiple initiatives/components, and contribute to research and suggestions for new projects. To be considered, you'll need to have good current working knowledge of JavaScript, TypeScript, React and Node.js, experience building microservices and micro-frontends, and be passionate about databases and worked in the past with SQL/NoSQL technologies (SQL Server, Oracle, Couchbase, MongoDB, etc). [Get all the information on this role here.](#)

Senior Backend Developer, Octopus Energy, London

Octopus Energy is looking for a seasoned [Backend Developer](#) to help build a whole new way for drivers to join the electric revolution. You will architect and build services that will empower a rapidly expanding customer base, as well as

giving internal teams the tools to continue providing a five-star service at scale. Plus, you will collaborate on a wide range of projects from rich dashboards, order tracking and account areas to bringing whole new propositions to life, and integrate third-party services for a more unified experience. You'll need strong technical knowledge and proven ability in the Python ecosystem, a passion for writing clean, maintainable and testable code and will have experience of microservices, event-driven architecture and building applications at scale. [See all the requirements here](#).

Full Stack Engineer, Roku, Cambridge

Roku is seeking an experienced and versatile [Senior Software Engineer](#) focused on front-end web architecture and development. You'll be self-driven, innovative, proponent of automation and have a strong background in building large-scale consumer-facing websites. You'll determine the strategic and tactical direction of front-end architecture, design, develop, test, deploy, and document impactful features with cross-browser compatibility, accessibility and search engine optimization and suggest tools, technologies and best practices to improve the site stability, performance and quality. You'll need five or more years' experience of relevant web development and production application support of highly trafficked consumer-facing web applications, and in-depth experience with React and relevant toolset/framework ecosystem plus an expert-level knowledge of JavaScript. Want to know more? [Get full information here](#).

[For thousands more software engineering roles, visit the Maddyneess Job Board today](#)