Staff Software Engineer, Infrastructure

GoogleNew York, NY, USA

Apply

Minimum qualifications:

- Bachelor's degree in Computer Science, Electrical Engineering or related technical field or equivalent practical experience.

- 8 years of relevant software development experience.

- Experience in architecting and developing large scale distributed systems using a general purpose programming language (e.g., C/C++, Java, Python, JavaScript, C#, Go, Objective-C, Swift).

- Experience with infrastructure technologies.

Preferred qualifications:

- PhD degree in Engineering, Computer Science, or a related technical field.

- Software development experience in C++ or Java.

- Experience with virtualization/global infrastructure, load balancing, networking, massive data storage, or infrastructure security.

- Experience with database internals, database language theories, database design, SQL and database programming.

- Hands on technical leadership experience leading project teams and setting technical direction.

About the job   ⌃

Google's software engineers develop the next-generation technologies that change how billions of users connect, explore, and interact with information and one another. Our products need to handle information at massive scale, and extend well beyond web search. We're looking for engineers who bring fresh ideas from all areas, including information retrieval, distributed computing, large-scale system design, networking and data storage, security, artificial intelligence, natural language processing, UI design and mobile; the list goes on and is growing every day. As a software engineer, you will work on a specific project critical to Google's needs with opportunities to switch teams and projects as you and our fast-paced business grow and evolve. We need our engineers to be versatile, display leadership qualities and be enthusiastic to take on new problems across the full-stack as we continue to push technology forward.

As a Staff Software Engineer working on Google's infrastructure, you have the opportunity to set direction and lead design on core components of Google's Infrastructure across our products. From the core platform that runs the world's largest distributed network to redefining the systems that allow applications and services to provide useful information to billions of users around the globe, our infrastructure

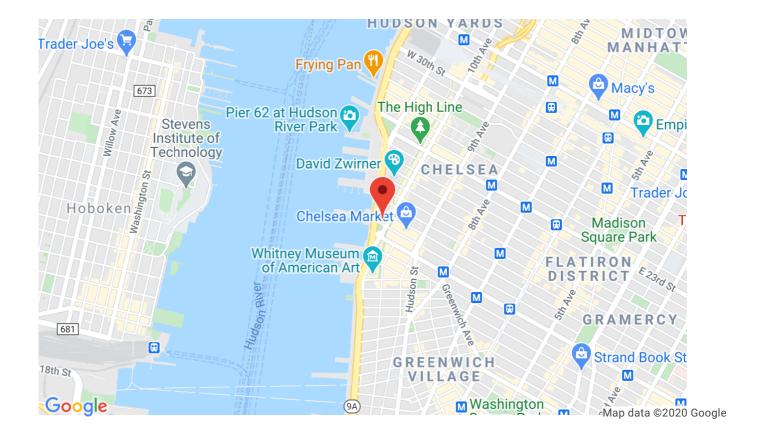billions, of users. At Google, engineers not only revolutionize search, they routinely work on massive scalability and storage solutions, large-scale applications and entirely new platforms for developers around the world. From Google Ads to Chrome, Android to YouTube, Social to Local, Google engineers are changing the world one technological achievement after another.

Responsibilities

- Help build a team and cultivate innovation by driving cross-collaboration and execution of projects across multiple teams.

- Lead designs of major software components, systems, and features.

- Manage cross functional projects priorities, deadlines and deliverables with your technical expertise.

- Mentor and train other team members on design techniques, and coding standards.

- Build our platforms, systems and infrastructure using your strong background in distributed systems and large-scale storage or networking systems.

Location

special need that requires accommodation, please let us know by completing this form.

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