

Web Solutions Engineer, gTech Ads

Company overview:

Google is not a conventional company, and we don't intend to become one. True, we share attributes with the world's most successful organizations – a focus on innovation and smart business practices comes to mind – but even as we continue to grow, we're committed to retaining a small-company feel. At Google, we know that every employee has something important to say, and that every employee is integral to our success. We provide individually-tailored compensation packages that can be comprised of competitive salary, bonus, and equity components, along with the opportunity to earn further financial bonuses and rewards. Googlers thrive in small, focused teams and high-energy environments, believe in the ability of technology to change the world, and are as passionate about their lives as they are about their work. For more information, visit www.google.com/careers.

Area:

The gTech Ads team is a solution-generating force that helps our sales teams and advertisers. These solutions need to be scalable to support millions of customers worldwide. In addition to troubleshooting on the customer side, we work with Sales, Product and Engineering teams within Google to develop better tools and services to improve our products based on the evolving needs of our users. As a cross-functional and global team, it's our job to help keep the lights on and the ads fresh.

Role:

Web Solutions Engineers deliver innovative solutions to help drive revenue and make Google's global sales and operations more efficient. As a Web Solutions Engineer, your responsibilities include prototyping proofs of concept, developing and supporting tools, and enhancing core products to meet the needs of our internal users. In developing the tools to help internal users get their jobs done you will be involved with the entire cycle of software development from planning what tools and features are needed, to designing and implementing quick and scalable solutions, and maintaining your jobs across large-scale 'cloud computing' clusters. You will work with Google's world-class infrastructure to handle big problems over massive dataset. Your efforts will launch quickly and have immediate and obvious impact on those around you.

Minimum Qualifications:

- BA/BS degree in Computer Science or related technical discipline or equivalent practical experience.
- Expertise in data structures and algorithms.
- Experience in object oriented programming language Java, Python or C++

Preferred Qualifications:

- MS Degree in Computer Science or related field.
- Experience in numerical analysis, algorithms and data-mining.
- Knowledge of SQL, relational databases, and other data storage solutions
- Ability to communicate technical concepts clearly and effectively. Fluency in multiple programming languages. Experience working in Unix/Linux environments.

Responsibilities:

- Prototyping proofs of concept, developing and supporting tools to meet the needs of our internal users
- Work with analyst teams to detect and automate tasks by building frontend and backend based solutions.
- Work on improving real time systems for large scale data processing, machine learning and clustering problems.
- Work with product and engineering teams to improve and enhance infrastructure of core Google products.
- Lead conversations with multiple Engg teams on designing ideal solutions and lead technical teams on various projects

Skills Required

- Developing scalable web applications
- User Experience, Interface & Interaction Design
- One of the following: Python, Java, C++