Full-Stack Software Developer

Location: Cupertino, CA

Summary

Imagine what you could do here. At Apple, new ideas have a way of becoming extraordinary products, services, and customer experiences very quickly. Bring passion and dedication to your job and there's no telling what you could accomplish.
The people here at Apple don't just create products — they create the kind of wonder that's revolutionized entire industries. It's the diversity of those people and their ideas that inspires the innovation that runs through everything we do, from amazing technology to industry-leading environmental efforts. Join Apple, and help us leave the world better than we found it.

Apple's Manufacturing Quality Management (MQM) team is responsible for gathering, consolidating and tracking all manufacturing data for Apple's products and modules worldwide. This data is used throughout the company and the product's lifecycle: from the very beginning, to validation that units being built are fully tested and of high quality before leaving the factory, all of the way through to warranty support for customers. Apple's MQM team is seeking a full stack Engineer who possesses a real passion for developing extraordinary products with a deep appreciation for user experience.

Description

- In this role you will design and develop software architecture for large scale, multi-tier Apple Product Operations.
- Design and develop tools, dashboards and large-scale databases used for Apple's Operations organization.
- Capture requirements from business users.
- Support production activities requiring database updates and release of new features for existing tools and dashboards.
- Perform code reviews and redesign existing applications for better user experience involving performance and usability.
- Review hardware infrastructure planning and provide support when required for software upgrades.

Key Qualifications

- 5+ years of progressive post-baccalaureate experience
- Ideally 5+ years of experience in crafting, implementing and supporting highly scalable backend systems and web services
- Ability to develop in both the front end and back end services

- Adept at quickly grasping and distilling highly complex matters into clean, understandable solutions
- Deep understanding of modern Big Data principles, especially in NoSQL domain as well as relational databases (e.g. MySQL, Oracle)
- Efficient programming capabilities in any of the following: Java, Scala etc.
- Web development with any of the following: Java based Frameworks, JavaScript, XML, HTML, CSS
- Experience with data reporting and data visualization
- Excellent communications skills, customer interfacing
- Self-driven and able to understand requirements, complete the design and development as well as Unit Tests
- Ability to thrive in a multi-functional team on high profile, critical projects
- Candidate should be able to initiate and explore alternate technology and approaches to solving problems.

Desired skills:

- Proficiency in Java (1.7 or later), JUnit, Spring Boot, REST, GSON/Jackson.
- Strong knowledge of object-oriented analysis and design, software design patterns and java coding principles
- Spring core, spring boot, spring data and spring cloud (nice to have)
- Good understanding of factors influencing performance of microservices at multiple layers including: network, CPU utilization, JVM tuning, memory management, thread management, database connection pooling, query performance etc.
- Experience using backend technologies such as: MySQL, NoSQL, HBase, Spark, Elasticsearch etc.
- Hands-on experience with microservices, Docker, containers and cloud orchestration frameworks
- NoSQL and SQL Databases: (MongoDB, HBase, Kafka)
- Big Data platforms: (Hadoop, Spark, Hive, Impala etc.)
- Front end technologies with preferred skills in: React JS, HTML4/5, CSS3, AJAX & jQuery (nice to have)
- Exposure to Docker, Mesos, Marathon etc. (nice to have)

Education

Bachelor's degree or foreign equivalent in Computer Science, Mechanical Engineering, or related field.