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# Example of Software Principal Engineer Job Description

Our company is looking to fill the role of software principal engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for software principal engineer

* Contributes to intellectual property holdings, filing engineering disclosures and patent filings
* Keeps abreast of new technology patterns and trends in search and big data
* Core Embedded Linux, Android or RTOS Software Development
* Works with other development centers worldwide in USA and Europe
* Works closely with local and global SQA teams
* Software Design and Development on Embedded Linux, Android / Real-Time OS based electronic payment devices
* Work with engineers, program managers and partner teams to deliver a set of features with the right overall design and architecture
* Own and deliver complete features, including design, architecture, implementation, testability, debugging, and shipping
* Work on cross-platform client code
* Cooperate with other engineers and disciplines to deliver reliable designs and code

## Qualifications for software principal engineer

* Candidates must have a robust understanding of Java and an in-depth understanding of other Java technologies, including Servlets, Struts/Tiles, JSP, JDBC, JMS, Spring, Camel
* Proven ability to work both independently and establish trusted, effective relationships across diverse sets of stakeholders
* Deep knowledge of building low latency, high availability, and fault tolerant distributed systems
* Strong technical credentials, with at least 10 years of technical engineering leadership, including proven software deliverables
* 5+ years of C++/C# software engineering and product development experience
* Mobile experience with iOS or Android