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# Example of Software Systems Engineer Job Description

Our company is searching for experienced candidates for the position of software systems 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 systems engineer

* Technical experience with GPS integration or GPS software development is preferred, but not required
* Respond to, debug, and resolve infrastructure outages resulting from VM, Tool, database, or other system issues
* Work with all forms of technical and non-technical peers to build, deploy, and operate the infrastructure and services of the AWS IoT Platform
* Continuously develop systems and automation to continuously improve reliability, availability, and performance of the AWS IoT Platform
* Become a generalist in the operation platform, from how our infrastructure is deployed, how services interact with each other and our customers, to how we quantify success
* Be proactive in solving the problems and looking for ways to improve our services
* Drafting, reviewing, and/or revising documents related to engineering
* Collaborate with software and infrastructure engineering teams to design solutions to enable them
* Learn the ins and outs of running a cloud platform running 24x7 production services
* Build and deploy full stack applications worldwide

## Qualifications for software systems engineer

* Bachelor’s degree (Computer Engineering, Computer Science, Electrical Engineering, Information systems, IT or a closely related Engineering or IT discipline
* Experience with messaging systems such as ROS, ZMQ, RabbitMQ
* Understanding of udev and how to configure hardware devices such as displays, USB, serial, Bluetooth devices touch screens
* Able to elicit requirements for new, medium to large scale systems with contributing subsystems
* In depth medical device manufacturing experience
* Experience with Confluence, JIRA or JAMA preferred