



Example of Senior Staff Software Engineer Job Description

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Our innovative and growing company is hiring for a senior staff software engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for senior staff software engineer

- Design code with special attention to versioning, compatibility and correctness across multiple platforms, Linux, Windows and HP/UX, AIX and Solaris
- Characterize and resolve performance issues
- Work with the system test team to define test plans, troubleshoot and resolve software defects
- Interface with customers when necessary
- Will recommend and implement design solutions
- Will assist team members with the isolation and resolution of software issues, lead root-cause analyses, communicate options for resolution and provide recommendations to customer-facing software defects
- Will provide consensus based enterprise solutions that are scalable, adaptable and sustainable with ever changing business needs
- May participate in customer and IRAD proposals, lead technical proposal activities, organize and perform estimation of budget and schedule for engineering tasks
- May generate and review BOEs and defend them through proposal sign-off by Senior Management
- May organize and lead risk management activities in development and proposal activities, develop documentation and elicit inputs from the technical team, organize documents and presentations in a clear and concise fashion that is easily understood by the project stakeholders, and prepare,

Qualifications for senior staff software engineer

- Understand complex issues in software modularity, performance bottlenecks
- Master or PhD degree (preferred) in Computer Science or Electrical Engineering
- Knowledge of declarative configuration and model-driven management and operations
- Bachelor's (BS) or Master's (MS) degree in Computer Engineering Computer Science or Electrical Engineering
- BS in EE or CS and 5+ years of experience in embedded software development using C language under RTOS environment
- Metadata, data governance, and data security a strong plus