



# Example of Lead Software Engineer Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of lead software engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for lead software engineer

- Developing Applications using HTML5, Java, Maven, JSON, Restful-API
- Use industry standards and best practices to define functional and technical architecture that best support functional and non-functional requirements
- Develop and document connected home enterprise lighting system designs and architecture
- Analyze the existing legacy systems software implementations
- Provide Tier 3-4 maintenance of the legacy systems until all legacy users are migrated to the new system
- Design, code, test and integrate new system software to support the program missions
- Integrate subcontractor-provided software, scripts, configuration files and tools into the new system software baseline
- Provide Tier 3-4 maintenance of new system software
- Collect, analyze and report required software metrics for both customer and corporate metrics
- Support Technical Subcontract Manager(s) (TSMs) as required for subcontractor's software development efforts

## Qualifications for lead software engineer

- 1 year of experience with Docker/containers
- Positive, service-oriented personality
- Experience with designing enterprise level systems will be a strong plus

- 4+ years' experience developing enterprise grade highly scalable web-based applications and/or distributed systems with C#.NET, ASP.Net or Java technologies
- Test Driven Development, Documentation, Code reviews