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# Example of Senior Application Software Engineer Job Description

Our company is looking to fill the role of senior application software engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for senior application software engineer

* Develop solutions and suggest improvements based on application capability & industry best practices
* Design and develop PLM solutions that have integration with downstream systems via AIA and other middleware platforms
* Conduct unit and system testing for all Agile related development components
* Support all formal documentation of solutions, including requirements for product extensions, design doc, test plan
* Provide daily hands-on support, advice and systems administration in solving operational issues
* Train support team
* Degree in Engineering Science
* 8+ years of experience in designing, developing and implementing enterprise web applications using systems development lifecycle (SDLC) processes
* 5+ years of experience in the design, configuration, administration, development and implementation of Oracle Agile PLM system
* Experience in semicon industry is a plus

## Qualifications for senior application software engineer

* 10+ yrs of Total Software Architect, Design and Development Experience
* Has worked in AGILE SCRUM development life cycle with TFS for SDLC
* Expert knowledge of networking protocols, including TCP/IP, HTTP and Websockets
* Demonstrated experience developing and delivering customer facing user interface software, preferably on mobile or embedded devices
* Demonstrated experience in test-driven development using JUnit and Mockito, or similar unit testing frameworks
* Experience developing highly redundant, fault-tolerant applications