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# Example of Principal Software Engineer / Developer Job Description

Our growing company is looking for a principal software engineer / developer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for principal software engineer / developer

* Monitor Break Fix queues and provide resolutions through analysis and program fixes
* Support submitted Enhancement Requests for development
* Follow company coding technique standards and change management processes
* Participate in Team and Project meetings
* Provide project feasibility analysis for proposed projects
* Review and test software components for adherence to the design requirements and documents test results
* Responsible for software architecture, design, and implementation of software components, APIs and SDKs in the IoT Developer Experience team
* Design, implement, and document high-quality Cloud and On-premise server RESTful APIs and SDKs to expose Philips Lighting IoT services and data to developers
* Work closely with architects and technical product managers to translate overall system architecture and product requirements into well-designed and implemented software components, RESTful APIs, and SDKs for developers
* Ensure code quality, test-driven development adherence, and good code documentation by the IoT Developer Experience scrum teams

## Qualifications for principal software engineer / developer

* Have a deep knowledge of REST/JSON, and SOA
* Deep understanding of C# , Xamarin, and the .NET platform (LINQ/async)
* Custom UI and control development experience
* 2+ years of iPhone/iPad OS or Android programming experience
* Have shipped at least one original mobile
* Bachelors Degree in Computer Science or Business Systems or equivalent experience