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# Example of Software Engineer, Principal Job Description

Our company is growing rapidly and is looking to fill the role of software engineer, principal. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for software engineer, principal

* Requirements analysis and proactive communications with peer Engineers
* Work with engineering to architect and build backend infrastructure that is highly available, high performance and secure
* Design, develop, automate, maintain process facilitating continuous delivery, service provisioning, software updates, configuration changes, application deployment with zero downtime
* Measure and monitor application and infrastructure health
* Make sure all automation/monitoring tools are designed towards enabling autonomy in engineering teams
* Manage security of network, infrastructure and applications by performing various scans
* Drive process towards operational/security best practices
* Participate in 24x7 operation support and troubleshoot issues
* Defining security requirements and design solutions, providing guidance and direction related to security technologies
* Performing analysis on security collected data and test results

## Qualifications for software engineer, principal

* Experience in Web/Application Server and Database technologies
* Typically 12+ years of technical experience in software development
* Expertise in Object Oriented development using Microsoft Visual Studio 2010 or higher
* Experience with Delphi development
* Experience with .NET technologies like C#, Silverlight, Windows8, Javascript/HTML5, WCF technologies
* Experience with JSON/Restful or other web service design and development