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# Example of Principal Developer Job Description

Our company is hiring for a principal developer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for principal developer

* Provides expertise and best practices in development areas including REST APIs, database programming, and various open-source technologies
* Effectively work with a team of developers, testers, business analysts and managers on a daily basis
* Be an integral part of the full software development lifecycle from requirements gathering through delivery
* Development and delivery of Enterprise level systems
* Review existing systems and assist in making improvements with an emphasis on increasing user satisfaction, efficiency, and scalability while reducing code complexity
* Troubleshoot defects in existing systems and provide solutions quickly
* Implement software enhancements and add new functionality based on Government-directed requirements
* Ensuring software solutions align with organizational programming standards and industry best practices
* Taking part in a continuous process improvement plan that uses the CMMI-Dev model
* Automating Cloud Security infrastructure

## Qualifications for principal developer

* Minimum 5 years professional experience designing and developing applications on two operating systems (Unix, Windows 2000, ) or designing complex multi-tiered applications
* Experience in Heath Care services is preferred
* U.S. citizenship and an active Secret Clearance
* Experience with modern web development technologies, including JavaScript frameworks (e.g., AngularJS, ReactJS, ) and popular web frameworks (e.g., Ruby on Rails, Django, Express, Hapi )
* Active/current TS/SCI security clearance with Polygraph is required
* Experience with source code testing frameworks and technologies