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# Example of Engineer / Architect Job Description

Our innovative and growing company is looking for an engineer / architect. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for engineer / architect

* Keep abreast, through relevant professional literature, of significant trends and the development of improved planning, architectural and engineering methods and
* Assist in the design of diverse server environments including IP address schemes, DNS, DHCP, EtherChannel
* Architect local, wide-area, and wireless networks that effectively reflect business needs, service-levels, cost and availability requirements
* Analyze technical needs, requirements, and provide input, direction, and support for the global network redesign, acquisitions, divestitures, processes, products, and services
* Communicate the role and value of our products and services to our Business Units and present business cases for technology investments
* Install and configure cloud and network connectivity products, in support of proof of concepts, pilots, and software defined networking
* Ensure proper documentation and transition of all products to the Network Operations team
* Develop and continually improve processes to ensure speed, quality, and zero unplanned downtime
* Keep all technology roadmaps and standards up to date
* Manage assigned projects to deliver services in accordance with established objectives and technical requirements in a timely and responsive manner

## Qualifications for engineer / architect

* Extensive experience with firewalls, switches and routers, including firewall, switch and load balancer design, configuration, administration, troubleshooting and support
* 3+ years of experience with web technologies and frameworks (HTML5, CSS, Ajax, JavaScript, JQuery, Angular, REACT, IONIC, EXT-JS, GWT, PHP, Python, Ruby), integrating with API’s & web services via XML & JSON, architecture for web and mobile devices
* Experience with Windows, OSX, Linux, Unix, Database
* FPGA/ASIC knowledge is preferred
* CCIE (Cisco Certified Internetwork Expert)
* 5+ years of experience in Oracle, SQL plus