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# Example of SOC Engineer Job Description

Our growing company is looking to fill the role of SOC engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for SOC engineer

* Verification test bench development eg drivers, monitors, response checkers, system Verilog assertions use most advanced UVM VIPs
* Coach and train colleagues
* Maintain a professional positive attitude, especially in high stress situations
* Work with Information Technology, Cyber Security and the SOC to architect security appliance solutions
* Work with Information Technology, Cyber Security and the SOC to create an auditing and logging strategy
* Prepare and maintain project plans and schedules
* Provide metrics and reports as assigned
* Expert knowledge of Security management principles and practice, including Threat/Vulnerability/Patch/SIEM Management
* Expert knowledge about Network Security infrastructure, technologies across network, servers and apps
* Experience of working in a Service Operations Centre

## Qualifications for SOC engineer

* Experience configuring and implementing technical security solutions, such as firewalls, next-gen firewalls, load balancers, SIEM tools and intrusion detection systems
* Experience monitoring and analyzing network traffic, host-based security appliance logs and IDS alerts is a strong plus
* Ability to create documentation and process work flows
* Ability to present information concisely and clearly
* Ability to work with Information Technology, business units, and cyber security to determine a strategy for auditing and logs including what events should be logged, what devices logs should be collected from, retention
* Ability to create a plan for tuning from an audit and logging strategy