

Systems Engineer Job Description template

System Expert Job Description Template/Brief

We are looking for a highly qualified systems engineer to offer the business understanding and technical expertise needed to implement strategies, assess products, and construct an infrastructure that can support our clients' ever-changing demands. In this capacity, you will design, build, and integrate complex systems at all life cycle stages. We'd like to hear from you if you're dependable in delivering mission-critical infrastructure emphasizing accessibility, optimization, and security.

System Expert Job Profile

A Systems Engineer combines engineering and managerial knowledge. A Systems Engineer collaborates with other departments to manage and build a company's systems. A Systems Engineer boosts workplace efficiency by building and deploying system software and evaluating data to enhance current ones. A Systems Engineer is responsible for balancing numerous components of a project, which are complex concerns such as architecture and system dynamics.

Reports To

- CTO

System Expert Responsibilities

- Keep track of and manage all installed systems and infrastructure
- Install, setup, test, and support operating systems, application software, and system management tools
- Configuration, installation, testing, and upkeep of operating systems, application software, and system management tools
- Evaluate current systems and give technical guidance to IT support personnel
- Supervise the creation of customized software and hardware requirements
- Plan and execute system automation as needed to improve efficiency
- Create and develop the security system in place to ensure data security
- Ensure that technical resources are always available
- Keep track of and manage the inventory
- Timely log sheet reporting for quick reaction to any issues

System Expert Requirements & Skills

- A bachelor's degree in computer science, engineering, or a related field
- Demonstrated expertise in installing, configuring, and troubleshooting UNIX/Linux environments
- Extensive knowledge of application stack administration and performance optimization (e.g., Tomcat, JBoss, Apache, Ruby, NGINX)
- Excellent cloud experience, ideally in AWS
- Knowledge of virtualization and containerization (e.g., VMware, Virtual Box)
- Knowledge of monitoring systems
- Working knowledge of automation software (e.g., Puppet, cfengine, Chef)
- Proven scripting abilities (e.g., shell scripts, Perl, Ruby, Python)