



sBIT Inc.

1900 Camden Avenue, San Jose, CA 95124

Phone: 408-391-0521, Fax: 408-446-1972

Email: contact@sbit-us.com, Web: www.sbit-us.com

Job Description

Computer Systems Engineers/ Architects

No. of Vacancies: 2

Job Description / Responsibility

We are looking forward to hiring few Cyber Security experts in Network & Computer Systems Engineering/ Architecture who will be expected to:

Job Duties for Computer Systems Architects include:

- Responsible for automating security controls, data and processes to provide improved metrics and operational support. Work with security architectures for cloud cloud/hybrid systems. Collaborate with security architects in developing cloud security frameworks for the enterprise.
- Develop and maintain a security architecture process that enables the enterprise to develop and implement security solutions and capabilities that are clearly aligned with business, technology and threat drivers.
- Develop security strategy plans and roadmaps based on sound enterprise architecture practices. Develops and maintains security architecture artifacts (e.g., models, templates, standards and procedures) that can be used to leverage security capabilities in projects and operations.
- Work with cloud architecture, design and implementation plans for hosting complex application workloads on Cloud. Analyze, design, build Modern data solutions using Azure PaaS service to support visualization of data.
- Extract Transform and Load data from Sources Systems to Azure Data Storage services using a combination of Azure Data Factory, Spark SQL and U-SQL Azure Data Lake Analytics. Data Ingestion to one or more Azure Services - (Azure Data Lake, Azure Storage, Azure SQL, Azure DW) and processing the data in Azure Databricks.

Education Requirements:

- Bachelor's Degree in Information Systems, Computer Engineering or related field



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Additional Job Requirements:

- Ability to face new technology challenges.
- Strong problem-solving ability
- Excellent verbal and written communication skills
- Experience with a wide range of computer systems and security tools.

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Job Duties for Computer Systems Engineers include:

- Verify stability, interoperability, portability, security, or scalability of system architecture.
- Develop system engineering, software engineering, system integration, or distributed system architectures.
- Collaborate with engineers or software developers to select appropriate design solutions or ensure the compatibility of system components.
- Identify system data, hardware, or software components required to meet user needs.
- Provide advice on project costs, design concepts, or design changes.
- Perform security analyses of developed or packaged software components.
- Communicate project information through presentations, technical reports, or white papers.
- Define and analyze objectives, scope, issues, or organizational impact of information systems.
- Monitor system operation to detect potential problems.
- Design and conduct hardware or software tests.
- Evaluate current or emerging technologies to consider factors such as cost, portability, compatibility, or usability.
- Provide customers or installation teams guidelines for implementing secure systems.
- Investigate system component suitability for specified purposes and make recommendations regarding component use.
- Complete models and simulations, using manual or automated tools, to analyze or predict system performance under
- Develop or approve project plans, schedules, or budgets.
- Evaluate existing systems to determine effectiveness and suggest changes to meet organizational requirements.



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- Configure servers to meet functional specifications.
- Direct the analysis, development, and operation of complete computer systems.
- Develop application-specific software.
- Perform ongoing hardware and software maintenance operations, including installing or upgrading hardware or software.
- Direct the installation of operating systems, network or application software, or computer or network hardware.
- Network architecture and administration.
- Perform functions related to network security, including necessary penetration testing.
- Support to customers, including issues on our large, shared infrastructure, Cyber Security software and dedicated servers.
- Installs and configures latest software updates and security packages. This person documents and maintains processes for application installation and patching, R&D, performance improvement, availability of business server platforms, and troubleshooting technical issues.
- Prepare technical reports and presentations.
- Resolving escalated customer complaints without the need for team lead intervention.
- Documenting troubleshooting and problem resolution steps.
- Monitoring of network, cyber security tools
- Evaluate new technologies and processes that enhance security capabilities.
- Test security solutions using industry standard analysis criteria.
- Deliver technical reports and formal papers on test findings.
- Respond to information security issues during each stage of a project's lifecycle.
- Supervise changes in software, hardware, facilities, telecommunications and user needs.
- Define, implement and maintain corporate security policies.
- Analyze and advise on new security technologies and program conformance.
- Recommend modifications in legal, technical and regulatory areas that affect IT security.

Education Requirements:

- Bachelor's Degree in Computer Science or related field

Additional Job Requirements:

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