

SENIOR NETWORK DESIGN ENGINEER

Executive Summary

Core Qualifications

- Complex Problem Solving
- Budgeting and Forecasting
- Supervision and Training
- Vendor Management
- Leadership
- Research
- Analytical Skills
- Project Management
- Communication
- Operations Management

Professional Experience

SENIOR NETWORK DESIGN ENGINEER 07/2014 to Current Children's Hospital Boston Boston , MA

- Planned, designed and managed DSx, OCx, E-911, SS7, (ETTC), Ethernet migrations, Ethernet over Microwave (EoM), Trunking/IMT and Optical system conversions onto new and existing networks in support of transport to cell sites.
- Coordinated hot cuts with local switch technicians and multiple telecommunication providers for new service.
- Provided quarterly/yearly transport capacity forecasts for future network configurations.
- Designed circuit segments, paths, and equipment specs to support the data integration process and conducted audits for data integrity.

SENIOR TECHNICAL PROJECT MANAGEMENT 01/2008 to 07/2014 Accenture Pleasanton , CA

- Project managed projects through the five phases of the project management lifecycle simultaneously for automating tracking of customers' voice and data performance for AT&T wireless.
- Resolved cross team and vendor conflict by using active listening techniques and ensuring that each team understood the internal IT process by having a small team meeting with both parties.
- Coordinated UAT testing for quality assurance with clients. Collected and analyzed data from testing and provided results to the project sponsor.
- Trained project managers on National standards, process and procedures that were created for UMTS/LTE cell site launches.
- Managed multiple complex and simple IT projects with overlapping deadlines and deliverables for U-Verse IPTV.
- Gather business and functional system requirements between functional groups (e.g., solution architect, development and testing), IT partners, client organizations and senior leadership teams.
- Created and managed change requests for scope, budget and resource changes after deliverables were validated.
- Led weekly governance meeting for acceptance and approval of change requests with senior leadership.
- Worked across multiple areas with Mobility, IT, to establish requirements, testing and budgets for quarterly releases.

TECHNICAL DIRECTOR 10/2005 to 01/2008 AT&T City , STATE

- Supervised a team of 15 employees that supported applications such as Netcool, Cisco Works, Remedy, and SAN storage along with troubleshooting external customers' networks.
- Oversaw application development, helpdesk, maintenance and the development and delivery of IT-related projects relative to infrastructure, computer operations, security, and network services.
- Utilized decision making skills regarding high-level support issues and implementation alternatives based on the current and future needs of the business.
- Recommended and influenced business architecture and manage RFP, RFI, and RFQ meetings with multiple vendors for hardware and software purchases. Developed and executed annual capital and expense budget of 3.2 million for Enterprise Systems.

NETWORK TECHNICAL MANAGER 01/1996 to 10/2005 AT&T City , STATE

- Managed implementation of large computer networking projects which included city government; SF Public School District and Oakland Police Department. Provided on site support and installation of LAN / WAN network installations; routers, switches, cabling, application upgrades, implementation of DSL, DS0, DS1, DS3/OC3 and VPN technologies. Created BOMS and scope of work with Integrated Solutions Manager. Coordinated vendor shipments and returns of equipment. Managed technical resources for network design and implementation.
- Provided end to end LAN/WAN solutions for projects across the US, partnering with CLECs and ILECs to provision, test and turn up transport circuits with technicians. Troubleshoot circuits for resolution.
- Provided structured cabling guidelines according to the BICSI standards for use in the design, installation and integration of telecommunications.
- Computed power requirements for routers, switches and miscellaneous network equipment and provided specifications to electricians.
- Adhered to TIA-568 structured cabling processes to design telecommunications work areas, and closets with fiber optics, category 5 and 6 cabling. Designed network layouts using Visio and Netviz applications.
- Partnered with various vendors to design/develop electrical and racking solutions when building out telecommunication rooms and work areas. Collaborated with real estate, client groups and vendors in designing/implementing electrical requirements, backup generators and build out of work areas for work groups. Manage RFP, RFI, and RFQ process with vendors.
- Order and receipt of all hardware and software for projects.
- Participated in technical forums to create templates for network drawings to maximize efficiencies in designing small, medium and large campus networks and developed methods and procedures.

- Created project timelines and hosted weekly project status meetings with business partners.
- Initiated cost reduction initiatives by constructing a relational database to house network drawings and company building locations US and abroad. Eliminated excel spreadsheets and proprietary data repository on employees desktop.

Education

Master of Science : Telecommunications Golden Gate University City , State , US GPA: Cum Laude

with honors

Bachelor of Science : Telecommunications Golden Gate University City , State , US

Cum Laude

Skills

- MS Office Suite of products: Access, Project, Sharepoint development and PM
- Desktop Publishing Software: Photoshop, Illustrator, HTML,
- Project management repositories, financials and Sharepoint development
- TCP/IP, IP Networking

Affiliations

- Professional Project Management Institute (PMI) - PMP in progress
- Harvard Leadership Development Program