

# AHMED ALRANGONEE

Washington State, Gig Harbor | C: 206-693-8780 | Email: aj.assetinv@gmail.com

## Network Engineer

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A resourceful, solution-focused and team-oriented Network Engineer offering a robust background in computer communication networks, systems and services. Well-versed in owning the technical relationship with customers and company partners through effective problem escalation and resource management skills. Confidently monitor and analyze network performance and data input/output reports to detect problems or perform capacity planning.

Hands-on background in designing and building equipment configuration including network hardware, software and server operation systems. Committed to continuous education and professional development as it pertains to Virtualization Technologies and Communications Systems, along with routing and switching. Proven capacity to swiftly learn and obtain certification in other technologies when recommended and/or administered by executive leadership.

### CORE COMPETENCIES

- Cisco Routing & Switching
- Projects Lead & Coordination
- Network Management
- Team Lead & Management
- Network Configurations
- VPN Networks
- IVMS config. & Installation

### CAREER HIGHLIGHTS

- **Technologies:** Routing (OSPF, BGP), Switching (VLAN, STP, Port Channels, VTP, Port Security), TCP/IP, DNS, DHCP.
- Restructured internal network and upgraded devices to optimize user accessibility for 200+ personnel.
- Single-handedly engineered and administered IT support and services within the main camp as well as the project management/operations camps of a Security and Life Support company comprised of 18 oil rigs, 2 degas stations and over 250 accommodation units.
- Slashed Armor Group Iraq IT operational costs by up to 50% through replacing the vSAT systems with fiber-optic backed services; subsequently doubled network speed in addition to increasing uptime and network availability.
- Oversaw all technical operations and solutions support across a vast region of oil fields as a Projects Engineer And Country Branch manager of Track24 – a Tracking Solutions Company that worked directly with 15+ high-profile security providers operational within BP, Shell and other top oil and gas organizations.

### EDUCATION

- CCNA Certification 2/2020
- BS. Electronic & Communication Engineer, University of Technology, Baghdad-Iraq
- CCNP R&S in progress.

### PROFESSIONAL EXPERIENCE

**Smartanz (UAE, IRAQ, USA)**

**Feb.2016 – Apr. 2019**

**Network Engineer**

- Troubleshoot, and resolve hardware, software, or other network and system problems, and replace defective components when necessary.
- TCP/IP: Network disconnections and slowness, DHCP, DNS
- Routing (OSPF, BGP): Tshoot. sub-optimal routes, neighborship issues
- Switching: VLans, Switching Loops, Storm-control, BPDU guard, STP. Rogue DHCPs
- Extended support to the oil & gas fields.

**Track24 (Dubai, UAE)****Oct. 2010 – Nov. 2015****Network Engineer /Communication Field Support Engineer and Country Branch Manager.**

Fulfilled concurrent roles as an IT Field Support Engineer with Track24, providing all aspects in Networking and IT Operations impacting: Internet systems, personnel computers, work stations, printers, data backup, email communications, VoIP communications, power backup, internal software, file sharing, online security compliance application, Wireless Networks, LAN Networks and Wi-Fi access. Install and Configure tracking devices work on GPRS and Satellite. Training customers on platform use.

**Key Projects & Contributions:**

- Performed configuration, upgrades, and deployment of Cisco routers, switches, wireless/microwave links and Wi-Fi access points in addition to troubleshooting and administering of company's workstations, evaluated and recommended purchase of equipment, hardware and software.
- Communicated with vendors and service providers to ensure the optimum equipment, service, maximum availability, and support.
- Reduced network failures and improved operations by replacing outdated servers with newer models with fresh configuration to increase reliability of hardware utilization network, ultimately securing business continuity.
- Managed all end-user needs and requirements through effectively communicating with clients; received and troubleshot faulty units and tracking systems, entailing reconfiguration and reprogramming of units.
- Contributed to strengthening business in the south region of Iraq by bridging any communication gaps between clients and management, in addition to providing training on new systems configurations.
- Risk Management Solutions; build and design the operating rooms and infrastructure for organizations.
- 24/7 Customer support working in unsecure environment and difficult circumstance, traveling as business inquiries in high risk countries.
- Configure new devices as customer requires, build on in vehicle management system (IVMS) for security companies and government organizations (UNAMI, USAID, Control Risk, G4S, Aegis, etc.....).
- Training end users on main platforms, online support, and troubleshot detecting.

**Armor Group Iraq****Aug. 2003 – Jun. 2010****IT Engineer, VISA Project Manager.**

As part of a mandate from the U.S. Army, directed all facets of communications operations. Connecting multiple locations in AGI Zones and military locations by NeraSat internet service provider through satellite System and by wireless point to point network. Additionally, executed and oversaw multiple software and application development projects, installations, and upgrades.

**Key Projects & Contributions:**

- Assist end Users to resolve different computer issues.
- Assemble and setup new employees' computers (HW and SW).
- Assist Network Engineers in cabling maintenance and new cabling in new network extensions.
- Configured Cisco switches and routers in addition to administering over 160 workstations; evaluated and recommended purchase of equipment, hardware and software.
- Developed and implemented internal network operation procedures to maximize availability of computer systems throughout the organization; sourced appropriate team members to assist in set-up and monitoring of solutions.
- Reduced network failures and improved operations by replacing outdated servers to increase reliability of hardware utilization network, ultimately securing business continuity.
- Install VISA equipment's for all the Iraqi banks. Connecting all the banks through the satellite network to process all electronic transactions. Train banks staff on Visa platform and provide technical support.

**References**

Available upon request