



# Hector Turner

## Mainframe Network Engineer

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### SUMMARY

Dedicated Mainframe Network Engineer with over a decade of experience architecting and overseeing intricate network environments. Proficient in z/OS mainframes, TCP/IP, and SNA protocols. Demonstrated success implementing high-availability solutions and disaster recovery strategies while maintaining rigorous security standards. Expertise in employing monitoring tools to optimize network performance. Passion for continuous learning and adapting technologies to best serve clients and ensure robust network infrastructures. Eager to contribute strategic leadership and collaborative efforts at E-Solutions.

### STRENGTHS

- 💡 **Problem Solving**  
Enjoyed helping teams resolve multifaceted challenges by providing insightful troubleshooting approaches.
- 🔗 **Adaptability**  
Comfortably adjusted strategies and processes in tune with evolving technologies, maximizing project outcomes.
- 👥 **Team Collaboration**  
Thrived in cross-functional environments where collective insight led to improved project deliveries and user satisfaction.
- 🛡️ **Technical Resilience**  
Became a go-to expert for remaining calm under pressure and turning setbacks into opportunities for growth.
- 🔒 **Security Awareness**  
Emphasized critical thinking around network security, ensuring protocol adherence across all engineering initiatives.

### SKILLS

- Mainframe Networking z/OS
- TCP/IP SNA Security Compliance
- Network Monitoring
- Disaster Recovery REXX Scripting
- Troubleshooting Tools
- High Availability
- Performance Tuning
- Incident Resolution

### EXPERIENCE

#### Senior Mainframe Network Engineer

Tech Innovations 📅 January 2020 - Present 📍 Remote USA

Lead architecting and management of mainframe network systems, primarily leveraging VTAM, SNA, and TCP/IP integrations. Responsible for ensuring optimal operational performance and compliance with industry standards.

- Architected multi-layered mainframe networks, optimizing performance across diverse database interactions.
- Pioneered the utilization of IBM NetView and OMEGAMON, effectively enhancing both latency and throughput metrics significantly.
- Executed comprehensive incident reports and documentation for team collaboration, resulting in smoother resolutions.
- Implemented security measures involving RACF and IPSEC that ensured sensitive data protection against external threats.
- Managed on-call support functions during critical outages, directing teams towards rapid system recoveries through effective problem-solving techniques.
- Successfully refreshed disaster recovery operations, establishing robust failover plans that minimized service downtime.

#### Mainframe Network Engineer

Data Solutions Corp 📅 March 2015 - December 2019 📍 Chicago, IL

Oversaw deployment and management of intricate mainframe networks, utilizing state-of-the-art methods to maximize reliability and efficiency amid demanding workload fluctuations.

- Spearheaded DVIPA/DDVIPA implementations coupled with sysplex distributor efficiencies to elevate networking capabilities.
- Rapidly resolved issues using Wireshark and SolarWinds, contributing substantially to heightened uptime records.
- Played a crucial role in elevating compliance echelons amidst rigorous audits by introducing streamlined collaborative practices.
- Automated processes through REXX scripting, thereby cutting operational redundancies and increasing efficiency exponentially.
- Provided ongoing 24/7 support, positioning the organization as a reliable resource during unscheduled events.
- Liaised with various third-party services, facilitating smooth transitions and significant technology upgrades without interruptions.

#### Junior Mainframe Network Engineer

Innovatech 📅 June 2012 - February 2015 📍 Peoria, IL

Supported senior engineers in deploying and managing mainframe infrastructure within fast-paced environments, directly assisting in troubleshooting various connectivity issues and performance enhancements.

- Assisted in configuring mainframe systems with VTAM and TCP/IP protocols, aiding in overall system cohesion.

## Packet Analysis

RACF Configuration VPN Setup

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● Senior Mainframe Network Engineer at Tech Innovations (6.5 Years)

● Mainframe Network Engineer at Data Solutions Corp (4.8 Years)

● Junior Mainframe Network Engineer at Innovatech (2.7 Years)

- Continually measured network performance, which revealed areas for systematic improvement and optimization.
- Contributed insights during issue resolution meetings focusing on repeat connectivity problems among client-facing applications.
- Helped develop comprehensive firewall configurations and VPN setups recognizing importance for organizational safety.
- Documented vital network configuration changes efficiently, leading to enhanced knowledge transfer among staff.
- Engaged with new technologies regularly, commitment evident through ongoing professional development.

## LEADERSHIP & AWARDS

- IBM Innovation Award for Excellence in Network Solutions
- Recipient of IT Leadership Recognition by Tech Innovations

## EDUCATION

### Bachelor's Degree in Computer Science

University of Illinois 🎓 GPA: 3.8 📅 2012 📍 Champaign, IL

**Coursework:** Data Structures, Networking Fundamentals, Security Protocols, Systems Design

## CERTIFICATIONS

- IBM Certified System Administrator 📅 2021
- CCNP 📅 2020

## TECHNICAL SKILLS

- **Operating Systems:** z/OS, Linux, UNIX
- **Networking Protocols:** TCP/IP, SNA, VTAM, DVIPA/DDVIPA
- **Monitoring Tools:** OMEGAMON, IBM NetView, Wireshark, SolarWinds
- **Automation Scripting:** REXX, CLISTS
- **Security Standards:** RACF, AT-TLS, IP Filtering, IPSEC, IDS/IPS
- **Disaster Recovery Tools:** DR Plans, Failover Strategies, Redundant Network Paths
- **Documentation Tools:** Visio, MS Office, Confluence
- **Virtualization Technologies:** VMware, Docker
- **Database Integration:** DB2, Oracle DB
- **Compliance Frameworks:** NIST, ITIL, PCI-DSS

## PROFESSIONAL AFFILIATIONS

- Member of International Association for Cryptologic Research
- Active participant in Global Networking Conference

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST