EDDIE FUENTES

NETWORK ENGINEER | NETWORK ADMINISTRATOR | QA ENGINNER

about me

https://efuentesjr.github.io/efuentes.github.io/

Motivated and detail-oriented professional with extensive expertise in Networking and QA Engineering. Proven track record in crafting and implementing robust test plans, showcasing strong problem-solving abilities. Proficient across various technologies, programming languages, and testing platforms, with a keen focus on networking protocols and infrastructure. Possesses excellent communication skills and thrives in collaborative environments. Eager to leverage skills and experience in a Networking or QA Engineering role

contact

📞 (512) 584-1752

@ eddiefuentes@myyahoo.com

in https://www.linkedin.com/in/eddie-fuentes-6286931ab/

○ https://github.com/efuentesjr

📍 Austin, Texas

EDUACATION

Bachelor of Science
BS Network Engineering & Security
Western Governors University

Associates of Applied Science
AAS Electronics Technology
Austin Community College

CERTIFICATIONS

CompTIA IT Operations Specialist | 2024
CompTIA System Support Specialist | 2024
CompTIA Secure Infrastructure Specialist | 2024
CompTIA Linux Network Professional | 2024
CompTIA Network Infrastructure Professional | 2024
CompTIA A+ | 2023
CompTIA Network+ | 2024
CompTIA Security+ | 2024
CompTIA Linux+ | 2024
CompTIA Server+ | 2024

Amazon Web Services Could Practitioner | 2024
Cisco Certified Network Associate (CCNA) | 2008
Cisco Net Academy Hardware Basics | 2023
Cisco Net Academy OS Basic | 2023
Cisco Net Academy Networking Basics | 2024
Cisco Net Academy Python Essentials | 2024
Cisco Net Academy Engage Stakeholders | 2024
Corning Fiber Optics Networks | 2008
Corning Optical Fiber Splicing | 2008
Corning Unicam Fiber Optic Installation | 2008

professional experience

Luxoft at AT&T Labs | Austin Texas | 12/2021 – 01/2023
SENIOR-QA NETWORK ENGINEER

- Created and executed comprehensive test plans for IoT device certification, evaluation, and approval of new wireless prototypes to ensure compatibility with AT&T's networks.
- Reduced post-launch issues by 25% through rigorous testing, early issue identification, and collaboration with cross-functional teams.
- Contributed to successful device launches by addressing potential network integration challenges, enhancing overall device performance.
- Demonstrated proficiency in RF technologies for wireless devices, encompassing 3G, 4G, LTE, and 5G air interface technologies.
- Pioneered the implementation of automated test scripts using tools such as Appium and Selenium, optimizing testing workflows.
- Slashed testing cycle time by 30% and minimized errors, leading to quicker release cycles and improved accuracy.
- Utilized advanced testing platforms like R&S (Rhode & Schwarz), Keysight, Anritsu, and Spirent, aligning with wireless technology standards.
- Employed packet capturing tools like QXDM and IT3 Prove!, in addition to conventional network TAPs, to analyze and diagnose network interactions.
- Conducted thorough compatibility testing of eSIM and SIM cards across various devices, including smartphones, tablets, and IoT devices.
- Tested the performance of eSIM and SIM cards during network roaming scenarios, evaluating seamless transitions between FirstNET and AT&T networks.
- Employed TeraTerm, Putty, and other remote access platforms to establish SSH connections and perform remote logins on devices.
- Utilized Control Center, G&D, V3, and V2 global Sim testing platform to assess device behavior in simulated network environments.
- Managed test execution and defect reporting using HP ALM Quality Center, ensuring comprehensive documentation of testing outcomes.

KFORCE at AT&T Labs | Plano Texas | 08/2020 – 12/2021
QA NETWORK ENGINEER

- Evaluated CPE hardware and software features, including GUI, Layer 2/3 Networking, Firewall, Port Forwarding, QoS, etc.
- Qualified CPE for integration with access networks (DSLAM, BRAS, ACS, etc.) and performed regression testing on new firmware.
- Conducted hands-on troubleshooting and debugging of access network issues, collaborating with Network Architects and Operations groups.
- Developed CPE evaluation plans based on device requirements and documented testing configurations and procedures for consistency.
- Documented CPE issues and implemented fixes, utilizing tools such as Wireshark, iperf, wireline simulators, and Spirent traffic generators.
- Utilized protocols including IP, TCP/UDP, DHCP, DNS, IGMP, Multicast, IPv4, IPv6.
- Demonstrated knowledge of ADSL, VDSL, Ethernet, MoCA, BPON, GPON, XGS-PON, Wireless, NAT, VoIP, and port forwarding.
- Played a key role in ensuring CPE compatibility, reliability, and performance within the network infrastructure.

DATA Vision at Commscope | Austin Texas | 02/2017 – 07/2020
QA NETWORK DATA ENGINEER

- Spearheaded the testing of software products utilizing the TR-069 standard to manage Customer Premise Equipment (CPE), serving international Internet clients AT&T, Telstra, Frontier, Telmex, and Sasktel.
- Developed, executed, and documented test cases aligned with customer test plans, ensuring the robust functionality and performance of residential gateways and Wi-Fi extenders.
- Conducted comprehensive testing across various platforms, including Web and Mobile Applications on iOS and Android, blending manual and automated testing methods.
- Proficiently navigated platforms such as ECO Manage, ECO Assist, ECO Collect, ECO Connect, and ECO Self Service to validate feature sets and ensure seamless customer experiences.
- Collaborated seamlessly with cross-functional teams of engineers and designers to rigorously test, validate, and refine new features and functionalities.
- Excelled in diagnosing and reproducing issues reported by clients, meticulously documenting steps for developers, resulting in swift issue resolution.
- Championed defect management and verification, ensuring issues were tracked to closure and that solutions were deployed into production effectively.
- Participated in Software Development Lifecycles (SDLC), enhancing QA methodologies, implementing Test Plan/Test Strategy documents, and driving continuous improvement.
- Leverage test tools including SoapUI, Swagger API, for comprehensive testing coverage. • Showcased proficiency in command-line tools, telnet, ssh, and Linux for seamless interfacing with Residential Gateways (RGs), debugging, and automation testing.
- Maintained meticulous test documentation through eTrac, Jira, and Confluence.

FLEXTRONICS | Austin Texas | 10/2003 – 07/2014
FUNCTIONAL TEST PRODUCT ENGINEER

- Spearheaded support for a range of critical Cisco product lines, including GSR, CAT6K, MGX, Constellation, CRS1, CRS2, CRS3, and Taiko, ensuring their functionality and reliability.
- Demonstrated a relentless drive for process improvement by implementing changes in product design, hardware, and scripts, resulting in enhanced product performance.
- Installed, configured, troubleshooted, and maintained Cisco's servers in a complex test environment, ensuring seamless operations.
- Led a team of equipment maintenance technicians across three shifts, ensuring 24/7 coverage for the entire functional test areas. Conducted yearly performance reviews and provided recommendations for raises and promotions, fostering a culture of growth.
- Ensured all test equipment was consistently maintained, adhering to Flextronics policies and ISO9000 standards for maximum reliability and quality.
- Performed meticulous maintenance and preventive maintenance on all functional test equipment, consistently achieving a minimum of 90% uptime and reliability.
- Actively participated in equipment improvement teams and projects, demonstrating a commitment to enhancing equipment performance and efficiency.

references

- Tameko Ware
Professional reference
- Kathy Goode
Professional reference
- Liz Dawson
Professional reference

skills

Routing & Switching | Cloud Networking | BCDR | DHCP | DNS | Network Management | Network Security | Network Trouble Shooting | Software Defined Networking | System Network Configuration | Virtualization | VPN | Vulnerability Management | WAN | Wireless Networks | Wireless Technologies 802.11x | Access Control | Cryptography | Hardware Configuration | Linux | Help desk | Mac Support | MDS | Software Troubleshooting | System Backup & Recovery | Bash | Amazon Web Services | AWS Cloud | Cloud Services | Cloud Platform | Shells | System Architecture | Scripting & Data Management | Linux Installation & Package Management | Firewall Configuration | Security Configuration | Security Policies | Malware Identification | Threat Analysis Threat Detection | Algorithmic Thinking | Python Programming | Computer Programming | Javascript | CSS | HTML |