



MUHAMMAD IJLAL HAIDER

Senior System Engineer / DevOps Expert Linux Systems | IT Infrastructure | Automation | Networking & Security

✉ ijlal.rizvi94@gmail.com ☎ 03313941496

📍 A-333 Street 12 North-Nazimabad, Karachi 🇵🇰 Pakistan

🌐 [linkedin.com/in/engr-muhammad-ijlal-haider-064070135](https://www.linkedin.com/in/engr-muhammad-ijlal-haider-064070135)

👤 Professional Overview

I am a dedicated **Senior System Engineer** with over five years of hands-on experience in **Linux systems, network administration, and DevOps practices**. My work spans complex IT infrastructure deployments, cloud technology integration, and enterprise-level system administration. I bring a deep understanding of **CI/CD pipelines, automation frameworks, and cloud environments**. A key focus of my career has been optimizing systems for performance, reliability, and scalability, particularly in environments handling mission-critical applications.

I have a strong technical background in administering **Red Hat, Oracle Linux**, and other Linux-based systems, combined with hands-on experience managing high-availability configurations and virtualization through **Oracle KVM**. My proficiency in **networking** technologies and protocols, including **Mikrotik, FortiGate**, and **VPN/IPsec**, enables me to design secure and efficient network infrastructures.

Key Skills & Expertise

- **Linux Systems Engineering:** Advanced expertise in **Red Hat Enterprise Linux, Oracle Linux**, and **Ubuntu** with a focus on **system configuration**, package management, and troubleshooting. Extensive experience in **file system administration** and **high-availability** server configurations.
- **DevOps & Automation:** Deep understanding of **CI/CD tools** such as **Jenkins, Ansible**, and **Docker** for deploying Java-based and containerized applications. Skilled in automation through **Bash scripting** and **Python**, streamlining operations and enhancing system efficiency.
- **Networking & Security:** Proficient in **network design** and **security** management, including **Mikrotik routers, FortiGate firewalls, VPN/IPsec tunnels**, and **Active Directory integration**. Expertise in ensuring network uptime and security for corporate clients and internal users.
- **Monitoring & System Health:** Experience with **Nagios, Zabbix, Cacti** and **SolarWinds** for real-time monitoring, logging, and alerting. Ability to proactively monitor systems to prevent downtime and identify performance bottlenecks.
- **Cloud & Virtualization:** Expertise in managing **Oracle KVM** virtualized environments, ensuring high availability and redundancy in cloud or hybrid infrastructures. Familiarity with cloud platforms and the associated automation of infrastructure management.

👜 Professional Experience

Mar 2024 – present
Karachi, Pakistan

Sr. System Engineer
UBL Bank Limited

- Spearheaded the design and implementation of high-availability **Oracle KVM** environments, significantly reducing system downtime and enhancing service reliability for critical banking applications.

- Administered **Red Hat Enterprise Linux** environments (versions 8 and 9), performing system updates, user management, package installations, and performance optimizations to ensure smooth operations across various departments.
- Configured and optimized **Samba servers** for seamless integration with **Active Directory**, enabling centralized authentication and access control for both Linux and Windows-based systems.
- Developed and deployed custom **Bash scripts** to automate routine tasks, reducing manual intervention, improving system uptime, and enhancing security compliance through consistent execution of administrative tasks.

Feb 2022 – Mar 2024

Atlanta, Georgia,
United States

Infrastructure Engineer

Conure Information Technology LLC (Remote)

- Led infrastructure projects involving **Apache**, **Tomcat**, **Docker**, and **Jenkins**, facilitating the seamless deployment and management of Java-based applications in a cloud-based architecture.
- Managed **VPN users** and resolved network issues using **FortiGate firewalls**, ensuring secure remote access for internal teams and corporate clients.
- Developed robust monitoring solutions using **Cacti** and **Nagios**, enabling proactive system health monitoring and rapid issue resolution for both applications and underlying infrastructure.
- Maintained backup servers using **Bash scripting** and **Python** to ensure data integrity, leading to a significant reduction in potential data loss scenarios during maintenance activities.
- **Collaboration & Optimization:** Worked closely with DevOps and database teams to optimize resource allocation, reducing application and database-level resource usage while maintaining high performance.

Mar 2021 – Jan 2022

Karachi, Pakistan

System Engineer (NOC)

Connect Communication Pvt Ltd

- Coordinated with NOC, sales, and data center teams to optimize the deployment and performance of corporate client services. Managed virtual ISPs, resolving service-related issues promptly, minimizing service disruptions.
- Deployed and maintained DNS servers on **VM machines** for both IPv4 and IPv6, playing a key role in ensuring robust and fault-tolerant network configurations for internal and corporate clients.
- Provided support for **Mikrotik routers**, resolving technical issues related to IP allocation, VPN tunnels, and firewall configurations, which improved overall network performance and security.

Apr 2019 – Jan 2021

Karachi, Pakistan

Technical Support Engineer

Connect Communication Pvt Ltd

- Troubleshoot networking issues for corporate clients, particularly involving **GPON ONT devices**, switches, and routers, ensuring minimal downtime and fast resolution for escalated issues.

- Engaged with end-users to simplify and explain technical processes, improving user satisfaction and reducing repeat technical issues through better understanding and education.

Mar 2018 – Mar 2019

Karachi, Pakistan

Technical Support Engineer

Fiberlink Private Limited

- **Improved Network Uptime:** Monitored the **FTTH network systems**, quickly identifying and troubleshooting issues with **GPON devices** and routers, which led to a **30% reduction in network downtime**.
- **Enhanced Troubleshooting Efficiency:** Successfully configured and resolved issues with **ONT devices in OLT**, improving the efficiency of optical line termination systems and minimizing service disruptions for clients.
- **Boosted Client Satisfaction:** Simplified complex technical information for non-technical clients, significantly improving customer understanding and reducing follow-up inquiries by **20%**.
- **Optimized Network Performance:** Regularly monitored and adjusted bandwidth to ensure optimal network performance for both corporate and residential clients, contributing to better service reliability.

Education

Feb 2014 – Feb 2018

Karachi, Pakistan

Bachelor of Engineering in Computer System Engineering

Hamdard University

Certificates

- Fundamentals of Red Hat
Enterprise Linux – Coursera

Skills

Technical Toolbox

- **Operating Systems:** Red Hat, Oracle Linux, Ubuntu, CentOS
- **DevOps & Automation:** Jenkins, Docker, Ansible, Nginx Proxy Manager
- **Networking & Security:** Mikrotik, FortiGate, VPN, IPsec
- **Monitoring & Logging:** Nagios, Zabbix, Grafana, Cacti SolarWinds
- **Scripting & Automation:** Bash, Python
- **Virtualization:** Oracle KVM, VMware, Promox, Qemu/Kvm
- **Cloud Technologies:** Experience with cloud and hybrid deployments
- **Productivity:** Microsoft Office 365 administration, team collaboration tools