

Ahsan Shah

Operations Engineer at NAYATEL



My Contact

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About Me

Operations Engineer with a robust foundation in telecom engineering and hands-on experience in network support and systems engineering, I bring over 2 years of dedicated service from Nayatel. My expertise encompasses designing, implementing, and maintaining complex IT infrastructures, with a keen focus on network troubleshooting and server management. Driven by innovation and efficiency, I excel in fast-paced environments and am committed to leveraging technology to enhance operational performance.

Hard Skill

- **Python**
- **GIT**
- **Linux (Bash Scripting)**
- **Chef/Ansible**
- **Jenkins**
- **Docker**
- **Kubernetes**
- **Cloud Computing**
- **Networking**
- **CCNA**
- **Troubleshooting**

Soft Skill

- Leadership
- Organization
- Problem Solving
- Planning
- Team Management

Personal Projects:

- 1) Created a robust DevOps pipeline for seamless development, testing, and deployment. Dockerized the application to ensure consistent and scalable deployments. Utilized AWS Elastic Beanstalk for effortless containerized application hosting.
- 2) Pioneered a DevOps project leveraging Kubernetes to orchestrate containerized applications on AWS. Designed and implemented a Kubernetes cluster from scratch, including the provisioning of master and worker nodes on AWS EC2 instances. Implemented best practices for Kubernetes cluster security, ensuring a robust and compliant container orchestration environment.
- 3) Java Application Deployment with CI/CD best practices. Implemented CI/CD pipelines using Jenkins to streamline the deployment process for Java applications. Employed best practices in continuous integration and continuous deployment to enhance development efficiency and maintain code quality.

Professional Experience

Nayatel (Operations Engineer)

Nov 2021 – Present

Key responsibilities:

- Networking experience including troubleshooting, implementing, and configuring network hardware
- Troubleshooting of Triple play service (Internet, POTS and IPTV) and MPLS based Layer 2 and Layer 3 VPN circuits
- Configuration/Troubleshooting of Port Forwarding, NAT, Multi-NAT, on Broadband routers.
- Perform all levels of IP troubleshooting, create and implement M&Ps
- Cisco or Juniper core and aggregation routers experience
- Mentor and train lower level technicians
- Mikrotik router configurations like PPPOE and IPOE dialing, IP Pool routing, Port forwarding
- DDNS /Floating IP Url-based service mainly used for camera access through WAN, related configurations/ troubleshooting
- Timely response to all Emails and Trouble Ticket and Testing/evaluating new technology
- Email hosting provisioning on dedicated and shared servers.
- Web hosting provisioning on Linux and windows-based servers.
- Performing Webmail/ Email clients (Outlook, Thunderbird, MacOS) configuration and troubleshooting.
- Managing Authoritative and Non-authoritative DNS server.
- Managing, Provisioning and End user support of Ncloud service.
- Installation, configuration and troubleshooting Untangle Firewall Solution.
- Log Monitoring and Analysis of Servers and maintain 99.99% uptime on all.

Fauji Fertilizers (Instrumentation Engineering Intern)

July 2019 – Aug 2019

Karachi, Pakistan

- Troubleshoots instrumentation systems. Collaborates with Maintenance on assessment, design, and implementation of preventive and predictive maintenance programs and reliability improvement programs for instrumentation.

MY EDUCATION

BACHELOR OF ELECTRICAL ENGINEERING 2017 – 2021

HITEC University Taxila

- Electronics and Telecommunication Engineering

Achievements

- Awarded a Fast track promotion as a result of exceptional performance
- Awarded for innovating a customer notification and automated ticketing system, enhancing device status updates and preempting downtime.
- Conducted training sessions for junior team members to enhance their understanding of network infrastructure ,tools, and methodology

Hobbies

- Workout
- Basketball
- Reading about tech