

Hammad Saqib

House: E29/22E, St#9, Ghousia Colony, Walton Road, Lahore Cantt.

Phone: +92 320 0201710

Email: Hammad.saqib.hn@gmail.com

Professional Summary

Results-driven DevOps Engineer with extensive experience in designing and implementing cloud infrastructure, automating deployment pipelines, and monitoring systems for high availability and performance. Expertise in AWS, Azure, and DevOps tools, combined with strong problem-solving and collaborative skills, ensures seamless integration and delivery of scalable solutions.

Professional Experience

DevOps Engineer

Rolustech

Feb 2022 – Present

- Developed and maintained CI/CD pipelines using GitHub Actions to streamline containerized deployments to AWS ECS, ECR, with scaling managed through Auto Scaling Groups (ASG) and Application Load Balancers (ALB).
- Set up and managed Kubernetes clusters for container orchestration, ensuring seamless scaling and management of microservices.
- Configured and managed monitoring solutions using Grafana, Loki, AWS CloudWatch, and Azure Monitor to ensure performance, reliability, and proactive alerting.
- Configured Auto Scaling (AS) and Load Balancers (LB) in GCP to ensure high availability and optimized performance. Set up backup policies for OCI Compute instances, configured memory and CPU usage alerts, and integrated them with Grafana for centralized monitoring and visualization.
- Designed and implemented scalable cloud architectures in AWS, Azure, and GCP environments.
- Deployed Web Application Firewall (WAF) to enhance security and mitigate threats from bots and attackers.
- Optimized cloud infrastructure costs using AWS Savings Plans, Reserved Instances, and EC2 right-sizing techniques.
- Developed and maintained secure and scalable AWS VPCs, including subnets, security groups, and network ACLs.
- Automated routine tasks and deployments using Bash scripting and other DevOps tools.

- Managed GitHub repositories for efficient collaboration, resolving merge conflicts, and managing branch policies.
- Reported on infrastructure performance and planned resource usage to ensure scalability and cost efficiency.
- Installed and configured Linux and Windows servers, troubleshooting services such as Apache, MySQL, Samba, and DNS.

Systems & Network Administrator

Lahore Centre

Sep 2019 – Feb 2022

- Configured, deployed, and managed network devices like switches and routers to ensure seamless connectivity.
- Installed, administered, and troubleshot Windows and Linux operating systems, ensuring optimal performance.
- Implemented monitoring tools such as Cacti, UNMS, Checkmk, and LibreNMS to track system and network performance.
- Enhanced security measures, backup processes, and redundancy strategies to safeguard business continuity.
- Tracked and documented network incidents, compiling detailed reports in JIRA for effective issue management.
- Conducted routine system maintenance, hardware/software upgrades, and system patching to maintain performance.
- Configured and managed in-house IP phones using SIP protocols for reliable communication.
- Performed root-cause analyses for network alerts and hardware malfunctions, ensuring timely resolution.
- Collaborated with cross-functional teams to optimize IT infrastructure, improving system scalability and reliability.

Technical Skills

- **DevOps Tools:** CI/CD pipelines, GitHub Actions, Grafana, Loki, AWS CloudWatch, Azure Monitor
- **Containerization & Orchestration:** Kubernetes, Docker
- **Cloud Platforms:** AWS (EC2, S3, RDS, IAM, Route 53, ECS, ECR, SNS), **Azure** (AD Connect, Virtual Machines, Azure SQL, Azure Storage), **Oracle Cloud** (OCI Compute, Object Storage, Autonomous Database), **GCP** (ALB, AS, Cloud Storage, Cloud SQL, Pub/Sub)
- **Security:** Web Application Firewall (WAF), Security Policies, system hardening
- **Monitoring & Logging:** Grafana, Loki, Checkmk, LibreNMS, Azure Log Analytics
- **Linux Administration:** Installation, configuration, and troubleshooting on Ubuntu, RedHat, and CentOS
- **Networking:** VLANs, EtherChannel, ACLs, routing protocols, network device management

- **Scripting & Automation:** Bash scripting for automation and configuration management
 - **Virtualization:** Proxmox VE
 - **Servers:** Apache, Samba, MSSQL, FTP/SFTP, Windows Server (2012, 2016, 2019)
 - **PBX Systems:** FreePBX setup, extension configuration for softphones and hardphones
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Professional Certifications

- **Microsoft Certified: DevOps Engineer Expert**
Certification Number: 5CEDFC-646F40
- **Microsoft Certified: Azure Administrator Associate**
Certification Number: 22BET2-9996A6
- **AWS Certified: Solutions Architect Associate**
Validation Number: 7VD4E47LJJEEQQG3
- **Certified Ethical Hacker (CEH)**
Certification Number: ECC2357490861
- **HCIP Routing & Switching (Huawei Certified ICT Professional)**
Credential ID: 01020010380803893496824

Professional Trainings

- CCNP Routing & Switching (Cisco Certified Network Professional)
 - CCNA Routing & Switching (Cisco Certified Network Associate)
 - CCNA Security (Cisco Certified Network Associate)
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Education

Bachelor of Science in Computer Science

Superior University, Raiwind Road, Lahore
2015 – 2019

References

Reference will be furnished on demand