

SYED MUHAMMAD ALI HAIDRY – SENIOR DEVOPS ENGINEER

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Cloud & DevOps Engineer with **5+ years of experience** designing, automating, and optimizing large-scale, mission-critical systems across **Azure, AWS, and GCP**. Expert in infrastructure automation, CI/CD, Kubernetes, observability, and cloud-native architectures. Certified **Microsoft Azure Solutions Architect Expert (AZ-305)** with a Master's in Software Systems Engineering (University of Regina - Canada). Highly proficient in building scalable infrastructure, improving deployment velocity, reducing operational overhead, and implementing enterprise-grade observability and automation frameworks.

TOOLS & TECHNOLOGIES

Scripting Languages: Python, PowerShell, Shell, YAML | **Database Management Systems:** PostgreSQL, MongoDB, MySQL | **Container Platform & Orchestration:** Docker, Kubernetes | **Architecture:** Batch Processing, Event Driven, Microservices, Monolith | **Version Control:** Git, GitHub, GitLab, Bitbucket | **Cloud Platform:** AWS, Azure, GCP | **Infrastructure as Code:** Terraform, CloudFormation, Azure Bicep | **Automation:** Ansible, ArgoCD, GitOps | **CI/CD:** Jenkins, GitHub Actions, Azure DevOps | **Observability & Reporting:** Prometheus, Grafana, Datadog, ELK Stack, PowerBI | **OS:** Linux(RHEL, Debian), Windows | **Virtualization:** VMware, Hyper-V

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer | Curve Digital Solutions Karachi, Pakistan | August 2025 – Present

Unified Marketing Platform System - Infrastructure Deployment & Observability

- Responsible for architecting, designing, implementing, and supporting cloud-based infrastructure and its solutions.
- Consolidated end-to-end log aggregation pipeline while utilizing (Prometheus, Fluent Bit, Kafka, Promtail, Loki), and rendered logs in Grafana. Thus providing 100% satisfaction for the operations support team.
- Automated Windows Server 2022 Hyper-V lifecycle (DHCP, NAT, DNS, WinRM, Firewall rules) using advanced PowerShell modules, significantly reducing provisioning time.
- Developed a complete VM lifecycle automation solution for Hyper-V, encompassing image creation, suspend/resume, deletion, access, and user management.

Unified Marketing Platform System - Application Configuration & Operations

- Experience in provisioning, orchestration, packages, services, configuration, and deployments using Ansible (playbooks, roles).
- Mitigated issues for services (MySQL, Nginx, etc.) running on Linux-based servers (AlmaLinux, Ubuntu, and CentOS).
- Assisted in the management of a 10+ server (production-ready) infrastructure, focusing on system updates and troubleshooting, which contributed to a 10% improvement in system response times.
- Performed security hardening to meet compliance standards for Linux servers.

DevOps Engineer | Curve Digital Solutions Karachi, Pakistan | August 2024 – July 2025

Unified Marketing Platform System - Application Development & Automation

- Develop Python scripts to automate processes and execute Ansible playbooks with a MySQL database for core project development.
- Set up Jenkins pipelines that are integrated with GitHub and Docker Hub for automated builds and deployments, thereby improving release frequency by 25%

Unified Marketing Platform System - Designing, Requirements, & Collaboration

- Communicated with teams in Morocco to gather and implement business requirements using agile methodologies.
- Collaborated with cross-functional teams to ensure that DevOps practices were aligned with project goals, leading to more efficient software delivery.
- Trained and mentored over 5 new team members, fostering collaboration and improving team productivity.

IT Ops Specialist | TD Bank Group Toronto, Canada | February 2022 – May 2024

TD Bank Group Cloud DevOps Platform - Automation for LOBs with Improved Processes

- Identified and recommended opportunities to enhance productivity, effectiveness, and operational efficiency, resulting in a 30% improvement in business unit performance.
- Actively addressed with the DevOps team for the Azure cloud operations and automation, driving day-to-day activities to streamline processes.
- Played a key role in the development and maintenance of comprehensive preventive processes, contributing to a 10% reduction in incident resolution time while using tools like Datadog, ServiceNow.

Azure App Service - Operational Readiness & Infrastructure Observability

- Partnered and guided in the operational readiness process for Azure App Service, assisting LOBs for smooth onboarding. This results in 100% preparedness and customer satisfaction. Awarded with **TD Appreciation points** and **acted as an Owner** title.

Azure Sandbox Automation - Infrastructure Deployment, Operations & FinOps Management

- Acted as the lead and product owner for Azure learning Box environment deployment and administration, which resulted in LOBs to experiment with their POCs with 100% success and satisfaction.
- Leveraged Azure services like Web Services, VMs, Storage, and Azure Functions to develop scalable, cloud-based solutions, improving overall system reliability.
- Developed and governed a FinOps framework on Azure, leveraging resource tags to allocate costs, streamline budgeting, and foster financial accountability across engineering teams, which helped reduce \$1200 USD monthly for Azure Learning Box.

TD Bank Group Cloud Infrastructure - Executive Reporting, Support & Automation

- Implemented telemetry dashboards for Azure services, tracking metrics for Azure Virtual Machines, App Services, Machine Learning Workspaces, and others, leading to a 40% increase in infrastructure sustainability as automation is developed through Datadog monitoring and dashboard.

Intern DevOps | mobileLIVE

Toronto, Canada | January 2020 – September 2020

Collaborated in CICD - Project Implementation & Observability on AWS

- Assisted in the implementation of the CICD pipeline using Elastic Beanstalk, AWS CodeDeploy, CodePipeline, and CodeBuild for the mobileLIVE In-house project, which facilitated a 25% improvement in deployment efficiency.
- Developed foundational Terraform modules for provisioning AWS Infrastructure, reducing manual workload by 40%.
- Conducted a thorough analysis of AWS CloudWatch Dashboard for cost optimization, leading to a reduction in cloud infrastructure costs by 12% while maintaining optimal performance.

Managed Azure Pipelines & Operations on Azure DevOps

- Developed and maintained CICD pipelines in Azure DevOps, streamlining deployment processes for development and test environments.
- Documented deployment processes and scenarios, reducing onboarding time for new team members by 30%.

Administered Containerized Application Orchestration and Deployment on GCP

- Created Docker Images, wrote Dockerfiles, and deployed via Kubernetes (Helm), increasing deployment speed by 70%.
- Collaborated with teams to troubleshoot and resolve Kubernetes-related issues.

Stem Instructor / R&D Engineer | Stemmers

Karachi, Pakistan | December 2017 – April 2018

Unity Game Engine - 2D 3D Game Development & Teaching

- Designed and developed 2D and 3D games using C#, and taught game development lectures to different schools.
- Proven track record of fostering a positive learning environment and enhancing students' interest in science, technology, engineering, and mathematics through innovative teaching strategies and hands-on activities

Virtual Reality Immersive Game Development & Teaching

- Participated in workshops and training sessions on the latest advancements in STEM education
- Worked as a Research and Development Engineer on game development in Unity Game Engine / Virtual Reality (Oculus).

EDUCATION

- **Master of Engineering – Software Systems Engineering** | University of Regina | 2019 - 2021
- **Bachelor of Science – Computer Science** | Bahria University | 2013 - 2017

CERTIFICATIONS & ACHIEVEMENTS

- [Microsoft Certified: Azure Administrator Associate](#)
- [Microsoft Certified: Azure AI Fundamentals](#)
- [Microsoft Certified: Azure Fundamentals](#)
- [Microsoft Certified: Azure Solutions Architect Expert](#)
- [Microsoft Certified: Azure AI Engineer Associate](#)
- [AWS Certified Cloud Practitioner](#)