Muhamad Imran Ali

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Cloud & Infrastructure Engineer with 14+ years of experience across cloud platforms, Linux systems, virtualization, and automation. Proven in designing, operating, and optimizing secure, scalable, and highly available cloud environments for enterprise workloads. Strong background in DevOps, CI/CD, and cloud-native platforms, enabling faster delivery, improved reliability, and better cost control. Recognized for cross-team collaboration, operational excellence, and building resilient platforms that support business-critical services.

CI/CD & Release Automation | Cloud-Native & Kubernetes Architecture | Cloud Governance & Cost Management (Azure & AWS) | Security, Identity & Compliance | Observability | Scripting, Automation & Platform Tooling

Professional Experience

DevOps Lead & Cloud Infrastructure Consultant | Enigmabits   2025 - Present

Senior consultant specializing in AWS Cloud Native architecture and high-availability systems. Focused on reducing operational toil through end-to-end automation and scalable Kubernetes environments.

- Architected and deployed AWS Cloud Native solutions using EKS, Lambda, and S3, achieving 99.99% availability for containerized application environments across multiple availability zones.
- Engineered 100% automated IaC workflows using Terraform, reducing environment provisioning time from days to under 15 minutes across multi-region AWS setups.
- Optimized Kubernetes (EKS) performance, implementing custom HPA (Horizontal Pod Autoscaling) and VPC networking tweaks that improved resource utilization by 30%.
- Designed end-to-end CI/CD pipelines, increasing deployment frequency by 4x while maintaining a <1% failure rate through automated testing.
- Reduced MTTR (Mean Time to Recovery) by 40% through the implementation of advanced observability stacks (Prometheus/Grafana) and self-healing scripts.
- Standardized and automated enterprise Linux administration and orchestration, implementing CIS benchmarks and automated kernel patching to achieve a 100% compliance rate across hybrid-cloud server fleets.

Senior Site Reliability Engineer | Cloud Software Group, Sydney, Australia   2022 to 2025

Senior Site Reliability Engineer managing large-scale, multi-cloud environments. Focused on delivering secure, scalable, and automated platforms to support enterprise workloads and improve operational efficiency.

- Designed and managed highly available cloud infrastructure supporting 50+ production services, enabling continuous automated software delivery, reducing deployment time by 40%, and mentoring engineering teams on best practices.
- Collaborated with cross-functional teams to develop scalable, self-healing platform components, improving system reliability and reducing downtime by 30%, while guiding team members in platform design and operations.
- Built automation solutions for monitoring, troubleshooting, and optimizing cloud environments, resulting in 25% lower operational costs, faster incident resolution, and knowledge transfer to junior engineers.

- Implemented security controls and compliance frameworks, ensuring 100% adherence to enterprise data protection standards and regulatory requirements, and coached teams on compliance practices.
- Partnered with engineering teams to streamline CI/CD pipelines, increasing developer productivity and accelerating release cycles by 35%, while mentoring engineers on pipeline design and automation workflows.

Cloud Operations Engineer | Citrix Systems, Sydney, Australia   2016 to 2022

Managed global cloud operations and infrastructure for 30+ production services, ensuring high availability, scalability, and compliance across enterprise platforms.

- Managed global cloud operations supporting 30+ production services, bridging engineering and infrastructure teams to improve platform reliability and reduce downtime by 30%.
- Designed and deployed infrastructure solutions for Citrix cloud services, scaling environments to handle 50% higher traffic while maintaining 99.99% availability.
- Automated provisioning and scaling workflows, cutting manual effort by 40% and improving system resiliency.
- Led initiatives in observability, capacity planning, and performance optimization, reducing incident response times by 35% and improving resource utilization by 25%.
- Ensured compliance and security standards across production environments, achieving 100% adherence to enterprise and regulatory policies.

Senior Network & Systems Engineer (CloudOps) | eBricks Inc., Lahore, Pakistan   2012 to 2016

Managed AWS infrastructure and automated CI/CD pipelines for 20+ applications, driving reliability, productivity, and faster release cycles.

- Designed, deployed, and secured AWS infrastructure across development, staging, and production environments, supporting 20+ applications with 99.9% uptime.
- Automated build, configuration, and deployment pipelines for proprietary and open-source software, reducing release cycle time by 40% and minimizing manual errors.
- Defined engineering practices around source control, QA, defect tracking, and agile workflows, improving team productivity and code quality by 30%.
- Collaborated with senior leadership to review architecture, present technical concepts, and drive adoption of modern cloud and automation technologies.
- Mentored 10+ engineers, fostering skills in cloud operations, DevOps practices, and infrastructure automation.

Network Engineer | I2C Inc., Lahore, Pakistan   2010 to 2012

Managed mission-critical payment and enterprise IT infrastructure across multi-OS data centers, ensuring high availability, operational efficiency, and system reliability. Oversaw performance tuning, virtualization, monitoring, and enterprise services to support business-critical operations.

- Managed mission-critical payment infrastructure for Visa and Discover, maintaining 99.999% uptime across multi-OS data centers.
- Oversaw performance tuning, virtualization using Solaris Zones, and day-to-day operations across 100+ servers, ensuring high availability and system reliability.
- Deployed and maintained monitoring systems (Nagios, Xymon), LDAP directories, Zimbra mail, and inventory management tools (GLPI), improving operational visibility and reducing incident response times by 30%.

Training & Certifications

• AWS Certified Solutions Architect
• Certified OpenStack Administrator
• Citrix Certified Professional (XenMobile MDM Solution Management)
• Oracle Solaris System Administrator
• Cisco Certified Network Associate
• RedHat Certified Engineer

Education

MS Computer Science | NCBA&E, Lahore, Pakistan

BS (Hons) Information Technology | Preston University, Lahore, Pakistan