




Nabeel Sarfraz

DevOps Engineer

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Core Technical Expertise

- **Cloud Platforms:** AWS (EC2, ECS, ECR, Lambda, VPC, IAM, Route 53, CloudFront, S3, RDS, CloudWatch, Amplify, NAT Gateway)
- **Infrastructure as Code:** Terraform, CloudFormation
- **CI/CD & Automation:** GitHub Actions, Jenkins, Ansible
- **Containerization:** Docker, ECS
- **Monitoring & Observability:** ELK Stack, CloudWatch, Grafana, Prometheus
- **Security:** IAM, security groups, secrets management, SSL/TLS
- **Programming & Scripting:** Python, Bash, YAML, JSON, HCL
- **Database Administration:** SQL Server, MySQL, PostgreSQL, MongoDB
- **Web & Application Servers:** Nginx, ALB
- **Version Control:** Git, GitHub

Education

- **Diploma in Computer Science – DevOps & Serverless Systems Limited** | 2023 – 2024
- **BSc Mechanical Engineering** UET Lahore | 2013 – 2017

Professional Summary

Dynamic and results-oriented DevOps Engineer with 1.5+ years of hands-on experience architecting, automating, and optimizing mission-critical deployments on AWS. Proven ability to reduce deployment times by 70% and infrastructure costs by 35% through innovative automation and resource optimization. Adept at building secure, scalable, and highly available cloud solutions with 99.95% uptime. Recognized for exceptional troubleshooting, cross-team collaboration, and a passion for continuous improvement in fast-paced environments.

Professional Experience

DevOps Engineer | Kryptomind LLC

May 2023 – Present

Lead DevOps engineer driving cloud infrastructure design and implementation for high-profile blockchain and cryptocurrency projects. Specialized in delivering scalable, secure, and cost-effective solutions by leveraging automation, best practices, and a proactive approach to operational excellence.

Key Business Impact:

- **Reduced deployment time by 70%** through fully automated CI/CD pipelines across 10+ projects
- **Decreased cloud infrastructure costs by 35%** via resource optimization and auto-scaling
- **Achieved 99.95% system uptime** by implementing robust monitoring and automated recovery
- Designed and deployed modular, multi-environment AWS infrastructure using Terraform, ensuring security and consistency across all projects
- Architected high-availability solutions with ECS, EC2 Auto Scaling, and multi-AZ load balancing, achieving seamless scalability
- Led frontend deployments on AWS Amplify and managed S3/CloudFront for global, low-latency static asset delivery
- Developed robust automation scripts in Bash and Python for deployment, monitoring, and system maintenance, reducing manual effort by 60%
- Administered SQL and NoSQL databases (MySQL, PostgreSQL, MongoDB), optimizing performance and reliability
- Integrated Slack and Discord notifications for real-time deployment status and incident alerts, enhancing team responsiveness
- Built advanced CI/CD pipelines (GitHub Actions) for automated, secure, and auditable deployments
- Developed Ansible playbooks for rapid server provisioning and configuration management
- Implemented automated database backup and disaster recovery procedures, ensuring business continuity

Languages

- English (Fluent)
- Urdu (Native)

Soft Skills

- Problem Solving
- Collaboration & Teamwork
- Communication
- Adaptability
- Attention to Detail
- Continuous Learning

References

Available upon request.

- Integrated security scanning and compliance checks into CI/CD pipelines, proactively mitigating risks
- Established centralized logging with ELK stack and real-time monitoring via CloudWatch, reducing incident response time by 50%
- Implemented IAM roles and least-privilege policies, strengthening security and compliance posture
- Collaborated with cross-functional teams to troubleshoot deployment issues and optimize application performance
- Drove cloud cost optimization initiatives, including resource rightsizing and usage monitoring, saving 35% annually

Key Projects

ResQ Platform Infrastructure | Kryptomind

Business Impact: Enabled zero-downtime deployments and real-time notifications, improving customer experience

Technologies: AWS (ECS, ECR, EC2, RDS, ALB, VPC, Amplify, S3, CloudFront), Terraform, GitHub Actions, Docker, Nginx, Ansible, Twilio

- Automated deployments to AWS ECS and local VMs using GitHub Actions
- Deployed scalable infrastructure with Terraform
- Troubleshoot and resolve deployment issues and optimize application performance and RDS performance

LearnSpot E-Learning Platform | Kryptomind

Business Impact: Reduced deployment time by 65%, streamlined development workflow

Technologies: AWS (ECS, ECR, ALB, Amplify, S3, CloudFront), Terraform, GitHub Actions, Docker

- Set up CI/CD pipelines for on-premises and AWS deployments
- Deployed modular infrastructure using Terraform

CloudWatch Log Analyzer | Kryptomind

Business Impact: Reduced log analysis time by 80% and enabled cross-account visibility

Technologies: Python, Streamlit, Pandas, AWS SDK (boto3), Docker, CloudWatch Logs API, AWS IAM

- Built a multi-profile log analysis tool with interactive dashboards and advanced filtering
- Engineered a Docker-based solution for consistent deployment

TheTrumpToken | Kryptomind

Business Impact: Eliminated outages, improved processing speed by 40%

Technologies: AWS (EC2, ECS, CloudWatch, Amplify, S3, CloudFront), Terraform, Docker

- Implemented auto-scaling and deployed frontend on AWS Amplify for continuous delivery
- Deployed the backend on AWS ECS using Terraform