

Inam Ul Haq

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Summary

Junior Cloud & DevOps Engineer with hands-on experience in backend development, CI/CD pipeline automation, and cloud infrastructure. Proficient in Docker, Kubernetes, Terraform, and building deployment pipelines with Jenkins and GitHub Actions. Strong foundation in backend development with Node.js/NestJS and a passion for Infrastructure as Code, monitoring solutions, and scalable cloud deployments.

Experience

- Software Engineer – Backend & DevOps, Binomical LLC – Remote** July 2024 – April 2025
- Designed and developed RESTful APIs using NestJS and TypeScript, implementing caching strategies and horizontal scaling patterns for production workloads.
 - Built and maintained CI/CD pipelines using Jenkins and GitHub webhooks, automating build, test, and deployment processes and reducing release cycles by 60%.
 - Implemented secure authentication and authorization using JWT, following security best practices for token management and session handling.
 - Optimized database queries and API performance, reducing average response time by 40% through query optimization and efficient indexing.
 - Managed application deployments and monitored system health, contributing to 99.9% service uptime through proactive incident response.
 - Collaborated with team members, participating in code reviews, sprint planning, and continuous improvement initiatives.

Projects

- Microservices Banking Application** [GitHub Repo](#)
- Architected and deployed event-driven microservices platform on Kubernetes (KIND) with 4 FastAPI services and 17+ pods, implementing health checks and resource limits.
 - Implemented GitOps CI/CD pipeline using GitHub Actions and ArgoCD with automated Docker builds, Trivy security scanning, and zero-downtime rollouts.
 - Deployed observability stack with Prometheus and Grafana for real-time monitoring, custom dashboards, and comprehensive metrics collection across all services.
 - Configured event-driven architecture using RabbitMQ for async messaging, PostgreSQL with persistent volumes, and NGINX Ingress for API gateway with path-based routing.

- Personal Portfolio – AWS Infrastructure** [GitHub Repo](#)
- Deployed React application with Jenkins CI/CD pipeline on AWS, achieving automated 2-minute deployment cycles.
 - Implemented Infrastructure as Code using Terraform to provision and manage AWS services (S3, CloudFront, Route 53, EC2, ACM).
 - Configured CloudWatch monitoring with SNS alerting for proactive incident response and performance tracking.
 - Automated DNS management and SSL/TLS certificate provisioning, implementing HTTPS enforcement across all endpoints.

Education

Universität Koblenz, MSc in Web & Data Science
University of Gujarat, BS in Computer Science

April 2025 – Present
Nov 2020 – June 2024

Skills

Cloud Platforms: AWS (EC2, EKS, ECR, S3, CloudFront, Route 53, CloudWatch, SNS, ACM), GCP (Cloud Run, Compute Engine)

DevOps & CI/CD: Docker, Kubernetes, Terraform, Ansible, Jenkins, GitHub Actions, ArgoCD

Monitoring: Prometheus, Grafana, CloudWatch, ELK Stack

Programming: Python, TypeScript, Node.js, NestJS, FastAPI, Bash/Shell Scripting

Databases: PostgreSQL, ArangoDB, Redis

Networking: Nginx, SSL/TLS, DNS, Load Balancers, VPC, Security Groups, IAM