

# Inam Ul Haq

Koblenz, Germany | inam101001@gmail.com | 0152 10926948 | [inamulhaq.dev](https://inamulhaq.dev) | [LinkedIn](#) | [GitHub](#)

## 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

April 2025 – Present

**University of Gujrat**, BS in Computer Science

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