OMER NAZEER

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DEVOPS ENGINEER

Experienced DevOps Engineer and Backend Developer with over 5 years of expertise in cloud computing, infrastructure automation, and continuous delivery. I specialize in managing and scaling cloud systems, particularly within the AWS ecosystem, using tools such as Docker, Kubernetes, Terraform, and Jenkins. I focus on building secure, efficient, and highly available infrastructure while driving automation and streamlining workflows across development and operations teams.

TECHNICAL SKILLS

Cloud Computing & AWS Services

- **Compute:** Amazon EC2, AWS Lambda, AWS ECS, AppSync
- **Storage & Databases:** Amazon S3, Amazon RDS, Amazon Aurora
- **Networking & Content Delivery:** Amazon VPC, AWS CloudFront, Application Load Balancer
- **Security & Identity Management:** AWS IAM, AWS KMS, AWS WAF
- **Monitoring & Logging:** Amazon CloudWatch

DevOps & CI/CD

- **Infrastructure as Code:** Terraform, AWS CloudFormation
- **Containerization & Orchestration:** Docker, Kubernetes, AWS Elastic Container Service
- **CI/CD Tools:** Jenkins, GitHub Actions

Software Development & Automation

- **Programming Languages:** Python, SQL, Typescript
- **API Development:** RESTful APIs using FastAPI, Flask, Node.js

Backend Development

- **Languages & Frameworks**: Python (FastAPI, Flask), Node.js (TypeScript)
- **APIs:** RESTful APIs, GraphQL
- **Databases:** PostgreSQL, MongoDB

PROFESSIONAL EXPERIENCE

DevOps Engineer

CloudQuick, Islamabad, Pakistan | *Aug 2024 – Present*

- Architect and manage scalable AWS cloud infrastructure, focusing on fault tolerance and cost optimization for critical production systems.
- Lead the design and deployment of complex CI/CD pipelines integrating Jenkins, GitHub Actions, and AWS CodePipeline to enable automated, zero-downtime releases.
- Oversee container orchestration using Kubernetes (EKS) and AWS Fargate, optimizing cluster performance and managing resource allocation.
- Develop Infrastructure as Code using Terraform and Ansible to provision and maintain multi-environment setups with full version control.
- Implement proactive monitoring and alerting frameworks with Amazon CloudWatch, Prometheus, and Grafana, significantly reducing incident response times.
- Enforce security policies by configuring IAM roles, VPC segmentation, security groups, and deploying AWS WAF for web application protection.
- Collaborate with developers to build automated testing and deployment workflows, accelerating feature rollout and improving software quality.
- Mentor junior team members, conducting code reviews and knowledge sharing to elevate team DevOps maturity

Jr.DevOps Engineer

Ewarenet, Islamabad, Pakistan | *Nov 2022 – May 2024*

- Supported daily operations of AWS infrastructure, focusing on maintaining uptime and performance for client-facing applications.
- Assisted in building and maintaining Jenkins pipelines for continuous integration and automated testing.
- Managed Docker container builds and deployments, ensuring stable application packaging and delivery.
- Worked with Kubernetes (EKS) clusters to deploy and monitor microservices under senior engineer guidance.
- Created basic Terraform modules for infrastructure provisioning, contributing to automation of resource creation and configuration.
- Maintained monitoring dashboards and alert rules using CloudWatch and Grafana, providing operational visibility to the team.
- Participated in security audits by reviewing IAM policies and assisting with VPC and firewall configurations.
- Collaborated with development teams to troubleshoot deployment issues and optimize release processes.

Backend Developer

Zeil Global, Islamabad, Pakistan | *March 2021 – Aug 2022*

- Developed and maintained a multi-tenant SaaS platform, ensuring efficient data isolation and scalability across tenants.
- Built robust backend services using Node.js and TypeScript, following modular and clean architecture principles.
- Designed and implemented flexible APIs with GraphQL, enabling efficient data querying and minimizing over-fetching.
- Managed relational data using PostgreSQL, performing complex queries and optimizations to ensure performance at scale.

- Utilized pgAdmin for database management, query tuning, and schema visualization.
- Ensured secure authentication and tenant-aware access control mechanisms.
- Collaborated with frontend and DevOps teams to deploy scalable services and improve development workflows.
- Contributed to system design discussions, code reviews, and ongoing architectural improvements for high availability and maintainability.

Backend Developer Intern

TechSolutions, Islamabad, Pakistan | *Sep 2020 – Feb 2021*

- Kickstarted backend development career by learning and building RESTful APIs using Python, Flask, and FastAPI.
- Developed and tested APIs with Postman and documented them using Swagger/OpenAPI for better developer collaboration.
- Integrated MongoDB as the primary database for API-driven applications, ensuring flexibility and scalability.
- Worked on basic authentication and CRUD operations in backend services.
- Participated in code reviews, debugging, and performance tuning of APIs.
- Gained hands-on experience with API deployment, versioning, and endpoint optimization in a real-world development environment.

PROJECTS

1. Kubernetes-Based CI/CD Pipeline for Microservices

- Built a CI/CD pipeline using GitHub Actions and Helm to automate deployment of containerized microservices to AWS EKS.
- Managed infrastructure as code using Terraform and Ansible for repeatable and scalable deployments.
- Implemented centralized logging with ELK Stack (Elasticsearch, Logstash, Kibana) for improved observability.
- Achieved self-healing and load-balanced services using Kubernetes and AWS ALB Ingress Controller.

2. Serverless Application on AWS

- Developed a serverless REST API using AWS Lambda and API Gateway with DynamoDB as the backend.
- Secured endpoints with IAM roles and integrated S3 for static asset storage.
- Reduced operational overhead by leveraging managed services and event-driven architecture.

3. Multi-Tenant SaaS Backend System

- Designed and developed a multi-tenant backend system supporting tenant-level data isolation and access control.
- Built scalable GraphQL APIs with Node.js and TypeScript and managed data using PostgreSQL.
- Deployed microservices on AWS EKS and collaborated with DevOps teams for seamless CI/CD integration.

EDUCATION

Bachelor of Electrical Engineering   **Aug 2016 - Oct 2020**

Federal Urdu University Of Arts Science and Technology, Islamabad

Higher Secondary School Certificate   **March 2016**

Pakistan International Public School and College Abbottabad

ADDITIONAL INFORMATION

- Expertise in Search Engine Optimization (SEO) with hands-on experience using tools like MozPro and Keyword Everywhere. Proficient in reverse engineering strategies for niche hunting and improving website visibility and organic traffic.
- Also have expertise in creating tokens and providing liquidity pools, with a strong focus on Solana blockchain due to its high-speed, low-cost transactions, and scalability. I am passionate about leveraging Solana's robust infrastructure to create and manage tokens, ensuring seamless and efficient decentralized finance (DeFi) solutions.