Hasan Ashab

+880-1627318919 | hasanashab.18205@gmail.com | linkedin | portfolio

Skills

Scripting Languages: Python, Bash
Containerization & Orchestration: Docker, Kubernetes, ECS, EKS, AKS
CI/CD: GitHub Actions, GitLab CI, Jenkins, ArgoCD
Infrastructure as Code: Terraform, Ansible
Database Management System: PostgreSQL, MongoDB, MySQL, AWS DynamoDB
Version Control: Git, Github, Gitlab

Experience

DevOps Engineer intern, Elevate Labs – Remote, India   **Sep 2025 – Oct 2025**
- Built 3+ CI/CD pipelines using GitHub Actions, reducing deployment time by 80% and improving delivery reliability.
- Containerized 5+ microservices with Docker and deployed on Kubernetes (EKS/AKS) to enhance scalability.
- Simulated multi-cloud workloads on AWS and Azure, improving deployment flexibility across providers.
- Automated infra provisioning using Terraform and Ansible, achieving 100% reproducibility across environments
- Deployed Prometheus and Grafana monitoring, boosting issue detection speed by 60% and reducing MTTR.

Freelance Backend Developer, Fiverr – Remote   **Feb 2021 – Mar 2024**
- Delivered RESTful APIs using Django and Node.js, improving performance and scalability.
- Designed optimized MySQL/MariaDB, PostgreSQL, MongoDB schemas.
- Implemented JWT/OAuth2 authentication for secure data handling.
- Deployed web apps on AWS/DigitalOcean with CI/CD automation, ensuring reliable continuous delivery.

Projects

Three-Tier AWS Architecture   **github**
- Built cost-efficient, scalable three-tier AWS architecture using IaC.
- Automated CI/CD via GitHub Actions + Terraform, cutting deployment time 50%.
- Deployed ECS Fargate + RDS + ALB + CloudFront for fault-tolerant backend.
- Implemented HTTPS routing with Route 53 + ACM and enforced VPC isolation.

Cloud-Native E-Commerce Platform (GitOps-driven)   **github**
- Deployed microservices e-commerce app on AWS EKS using GitOps automation.
- Managed IaC with Terraform, automated deployments via ArgoCD, boosting release frequency 80%.
- Ensured 99.9% uptime with Kubernetes health probes and rolling updates.
- Secured ingress via NGINX + CertManager; automated container builds to ECR.

Serverless TODO App on AWS   **github**
- Built a fully serverless Todo app using event-driven architecture on AWS.
- Replaced EC2 backend with Lambda + API Gateway, reducing costs 60%.
- Automated CI/CD with GitHub Actions, accelerating deployments 70%.
- Enabled static hosting on S3 + CloudFront with secure API and DynamoDB persistence.

Education

Hazaribagh Govt. College – HSC in Science   *Expected* **May 2027**
BMARPC – SSC in Science   **Mar 2025**