

# AMOGH GOSWAMI

DevOps & Cloud Engineer | B.Tech in Information Technology

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## PROFESSIONAL SUMMARY

Detail-oriented DevOps and Cloud Engineer with 10+ months of hands-on experience in automating AWS infrastructure, building scalable CI/CD pipelines, and deploying containerized applications with Docker and Kubernetes. Proven ability to improve deployment speed, system uptime, and collaboration using modern DevOps tools. Ready to deliver secure, cost-efficient cloud solutions in fast-paced environments.

## TECHNICAL SKILLS

- **Cloud/DevOps Tools:** AWS (EC2, VPC, S3, IAM, RDS, Lambda, CloudFormation), Docker, Kubernetes (Helm, YAML), Terraform, Jenkins, GitHub Actions, Maven, SonarQube
- **Programming/Scripting:** Python, Bash
- **Monitoring:** Datadog, CloudWatch, SNS
- **OS/Networking:** Linux (Ubuntu, RHEL), Nginx, Apache Tomcat, OSI Model, TCP/IP, Subnetting
- **Databases:** PostgreSQL, MySQL

## KEY PROJECTS & ACHIEVEMENTS

### Cloud Migration & DevOps Automation Project (MEAN Application)

#### Personal Project | 2025

- Migrated a **MEAN stack (MongoDB, Express, Angular, Node.js)** application from on-premise setup to **AWS Cloud**.
- Designed and implemented cloud infrastructure using **EC2, VPC, Security Groups, IAM, S3, and RDS concepts**.
- Containerized frontend, backend, and database services using **Docker**.
- Orchestrated multi-container deployment using **Docker Compose**.
- Implemented **CI/CD pipeline using GitHub Actions** to:
  - Build Docker images on code push
  - Push images to **Docker Hub**
  - Automatically deploy updates to **AWS EC2**
- Configured **Nginx as a reverse proxy** to expose the application on **port 80**.
- Managed environment variables, volumes, and container networking for secure communication.
- Enabled logging and basic monitoring using **Docker logs and AWS CloudWatch**.
- Documented complete architecture, CI/CD flow, and deployment steps in GitHub README.

## **PROFESSIONAL EXPERIENCE**

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### **DevOps Engineer Intern**

**Hisanolab Pvt. Ltd. | Jan 2025 – Present**

- Worked on AWS cloud infrastructure using **EC2, VPC, S3, IAM, RDS, CloudWatch, SNS, and ELB**.
- Assisted in designing **secure VPC architectures** with public/private subnets, route tables, and security groups.
- Implemented and maintained **CI/CD pipelines using Jenkins** for automated build and deployment workflows.
- Containerized applications using **Docker** and supported deployments on **Kubernetes** with Helm.
- Configured **Nginx as a reverse proxy** for routing traffic to backend services.
- Wrote **Terraform configurations and reusable modules** for infrastructure provisioning.
- Created **Bash scripts** for automation tasks such as log cleanup, health checks, and basic monitoring.
- Monitored systems using **CloudWatch and Datadog**, responding to alerts and incidents.
- Supported **application migration activities** and assisted in troubleshooting production issues.
- Documented DevOps workflows, deployment steps, and onboarding guides for internal use.

## **EDUCATION**

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### **B.Tech - Information Technology**

2024

Dr. Babasaheb Ambedkar Technological University

### **Diploma – Computer Science Engineering**

2021

Gramin Polytechnic College

## **CERTIFICATIONS**

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Data Analytics on AWS

| The Complete SQL Bootcamp

| Data Analysis with Python