

# Alfiya Zahra

## DevOps Engineer

alfiyazahra1188@gmail.com | +91 90989 32710 | LinkedIn

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## 1 Education

**Bachelor of Engineering in Computer Science**

2018 – 2022

CGPA: 8.6

## 2 Certifications

- AWS Certified Cloud Practitioner

## 3 Technical Skills

**DevOps & Cloud:** Jenkins, GitHub Actions, Ansible, AWS (EC2, EKS, RDS, S3, Route 53, ELB, ASG), Docker, Kubernetes, Terraform, Elastic Beanstalk, CodePipeline, CodeBuild

**Scripting & Programming:** Python, BASH

**Build & Automation:** CI/CD, Build Automation, Cloud Computing, Agile Methodologies

**Tools & Platforms:** Git, GitHub, Linux, Ubuntu, Windows

## 4 Soft Skills

- Problem Solving, Adaptability, Collaboration
- Communication, Time Management, Quick Learning, Teamwork

## 5 Work Experience

**UST Global — DevOps Engineer** July 2023 – Present

- Completed intensive training in **DevOps** practices including **CI/CD**, **cloud infrastructure**, and **configuration management**.
- Built and deployed projects showcasing **automated infrastructure provisioning** and **application deployment pipelines**.
- Developed expertise with **Jenkins**, **GitHub Actions**, **Ansible**, and scripting in **Python** and **BASH**.

**UST Global — QA Engineer** December 2022 – May 2023

- Authored, reviewed, and executed **manual test cases** for product validation across multiple **Agile sprints**.
- Participated in **sprint planning** and **defect triage** meetings under **Agile methodologies**.

## 6 Professional Summary

**DevOps Engineer** with hands-on experience in **Linux**, **CI/CD automation**, **AWS cloud infrastructure**, **containerization** using **Docker** and **Kubernetes**, and **Infrastructure as Code (IaC)** with **Terraform**. Proficient in **Jenkins**, **GitHub Actions**, and **Ansible**. Adept at managing **scalable cloud-native deployments** and streamlining **DevOps pipelines** with strong scripting skills.

## 7 Projects

### E-Commerce DevOps Implementation

- Implemented **CI/CD pipelines** using **GitHub Actions** and **Argo CD**.
- Automated **EKS cluster** creation using **Terraform** in a custom **VPC**.
- Integrated **Route 53** for secure **DNS management**.
- Demonstrated knowledge of **AWS networking** and **infrastructure**.
- Personally built and deployed a sample **e-commerce app** using **GitOps** and **Terraform** to practice end-to-end **automation**.

### Lift and Shift Application on AWS

- Migrated a **multi-tier application** to **AWS** using **EC2**, **ASG**, and **ELB**.
- Configured backend services (**MySQL**, **RabbitMQ**, **Memcached**).
- Used **S3** and **Route 53** for static content hosting and **DNS**.
- Practiced **manual provisioning** and service setup to understand real **AWS architecture** and **service interactions**.

### CI/CD Deployment on AWS

- Built **CI/CD pipeline** using **AWS CodePipeline**, **CodeBuild**, and **Elastic Beanstalk**.
- Migrated codebase from **GitHub** to **Bitbucket**.
- Configured **Amazon RDS** for database integration.
- Set up the complete **pipeline flow** independently to understand **automation** with native **AWS DevOps tools**.