# ARIBA KHAN

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## CAREER OBJECTIVE

Hands-on experience building and automating AWS infrastructure with Terraform, Docker, Kubernetes and CI/CD pipelines. Seeking an entry-level Cloud or DevOps Engineer role.

## EDUCATION

**Master of Computer Applications (MCA),** Vishwakarma University 2026-2028

**Bachelor of Computer Applications (BCA),** Pune University (8.75 CGPA) 2023-2026

## CERTIFICATIONS AND COURSES

- AWS Certified Solutions Architect - Associate (AWS-SAA-C03)
- Training and Advanced Certification in Cloud Computing and DevOps at Ethan's Tech.

## TECHNICAL SKILLS

- Cloud: AWS (EC2, S3, IAM, VPC, ALB, Auto Scaling, Lambda, API Gateway, DynamoDB, CloudWatch)
- DevOps & IaC: Terraform, Docker, Kubernetes, Jenkins, GitHub Actions, Prometheus, Grafana
- Linux & Systems: Linux, Bash, Git, SSH, Nginx
- Languages: Python, SQL, Bash

## PROJECTS

**AWS Serverless Todo API**

- Built a fully serverless REST API using AWS Lambda, API Gateway, and DynamoDB, with the entire infrastructure — 19 resources across ap-south-1 — provisioned via Terraform. Implemented GitHub Actions CI/CD and CloudWatch monitoring for automated deployment and observability.
- github.com/ariba18/aws-serverless-todo-api

**High-Availability AWS 3-Tier Web Architecture | Terraform, AWS EC2, VPC, ALB, Auto Scaling, S3, IAM, SSM**

- Designed and provisioned a 3-tier, multi-AZ AWS architecture using Terraform, with an Application Load Balancer and Auto Scaling Group for fault tolerance. Demonstrates infrastructure-as-code practices for building resilient, self-healing web applications.
- github.com/ariba18/aws-ha-infrastructure

**Cafe Deployment Pipeline — Cloud-Native CI/CD | Jenkins, Docker, Kubernetes, AWS EC2, Nginx, GitHub**

- Built a cloud-native CI/CD pipeline automating build, test, and deployment of a web application using Jenkins, Docker, and Kubernetes. Showcases end-to-end DevOps automation from code commit to container orchestration.
- github.com/ariba18/Cafe-Deployment-Pipeline

**Prometheus Grafana Monitoring**

- Developed a Flask-based Task Management REST API instrumented with 5 custom Prometheus metrics, paired with Grafana dashboards for real-time observability. Fully containerized the stack using Docker Compose across five iterative build sessions.
- github.com/ariba18/prometheus-grafana-monitoring