

Kavin Naik

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EDUCATION

BE Computer Science & Design

New Horizon Institute of Technology and Management, Thane

2021 – 2025

CGPA: 6.95

CERTIFICATIONS

Certifications: AWS Certified Cloud Practitioner, Oracle Cloud Infrastructure 2025 Certified Foundations Associate, Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate, Oracle Cloud Infrastructure 2025 Developer Professional

SKILLS

Cloud & Infrastructure : AWS (EC2, S3, IAM, Lambda), Oracle Cloud

DevOps : Terraform, Docker, Kubernetes, GitHub Actions

Programming : Python, Bash

Databases: MongoDB, DynamoDB

Systems & Tools : Linux, Git

EXPERIENCE

AWS Cloud Intern

Dec 2024 – Mar 2025

F13 Technologies

- Led a team of 5+ interns to build and deploy cloud-based solutions, improving efficiency by 25% through standardized deployment practices.
- Built an HR Management System on AWS with employee records, payroll, and leave management, using S3 for storage and IAM for access control.
- Developed an IT Service Recommendation System where users input requirements and receive tailored AWS service suggestions, using Lambda and DynamoDB.

Web Development Intern

Feb 2024 – Mar 2024

Shripriiti Educational & IT Hub

- Built and deployed 3 responsive web applications using HTML, CSS, JavaScript, and React.
- Debugged existing codebase, reducing load time by 30% and improving user experience.
- Developed reusable UI components and implemented responsive layouts using CSS frameworks.

PROJECTS

CI/CD Pipeline for Python App. | Terraform, Docker, GitHub Actions, AWS EC2

[GitHub](#)

- Provisioned AWS infrastructure using Terraform, configuring Security Groups and EC2 instances for application hosting.
- Containerized the application using Docker and implemented a GitHub Actions CI/CD pipeline with three stages: build/test/push, Terraform apply, and deployment to AWS EC2.

Three-Tier Application Deployment on Kubernetes. | Kubernetes, Docker, GitHub Actions, Kind

[GitHub](#)

- Deployed a three-tier web application (NGINX frontend, Python Flask backend, PostgreSQL database) on a local Kubernetes cluster using Kind.
- Configured NGINX Ingress Controller for external routing and inter-service communication within the cluster.

Tetris — Containerized Cloud Deploy. | Docker, GitHub Actions, Kubernetes, ArgoCD, Prometheus

[GitHub](#)

- Containerized a full-stack Tetris app (React, Node.js, MongoDB) using Docker and automated CI/CD with GitHub Actions integrating SonarCloud and OWASP security scanning on every commit.
- Deployed the application on Kubernetes (k3s on AWS EC2) using ArgoCD for GitOps-based continuous delivery and monitored cluster health with Prometheus and Grafana.

LEADERSHIP

Joint Technical Secretary (CS Dept. Student Council) and **Secretary** (CSI Council) — led a 20-member team for Techfest and organized workshops for 200+ students.