Chinmay Shewale

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EDUCATION

· Indian Institute of Information Technology, Dharwad

Bachelor of Technology in Computer Science and Engineering

2022 - 2025 Dharwad, India

EXPERIENCE

• IdeaUsher Present

Backend Intern Remote

- Developed an AI chatbot using **LangChain** and **OpenAI** to support users in mindset training and network marketing guidance, designed to accommodate up to **10,000 users** with auto-scaling capabilities.
- Deployed and maintained the application in the staging environment on AWS EC2, configured Route 53 for DNS management, installed an SSL certificate, and managed MongoDB for data storage.

• Mettle - IIT Gandhinagar

June 2023 - August 2023

Backend Intern

• Developed a platform for collaborative engineering problem-solving

- Enhanced real-time user collaboration by implementing websockets with Socket.io
- Containerized the application for seamless deployment across any environment.
- Other Experiences Open Source

Open Source contributions

Remote

Remote

- · Contributed to the AsyncAPI CLI, fixing bugs and issues
- Enhanced the Rocket.Chat GitHub App by implementing new features

PROJECTS

Rewind:

Engineered a generative AI-driven social media platform tailored specifically for music enthusiasts

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2023 - 2024

- Developed an **AI-driven social media** platform catered to music enthusiasts using TypeScript, Node.js, React, and Python.
- Deployed the application on AWS using VPC, Route 53, CloudFront, ALB, ASG, and MemoryDB for scalable and secure infrastructure.
- - Utilized **Terraform** for infrastructure management, implemented CI/CD pipelines with GitHub Actions and **Jenkins**, and used **Ansible** for configuration management.
- Project-Placements:

A platform for students to train for their placement with the help of mock tests and coding contests

- Developed an environment using **Docker containers** to **execute code on the go** in multiple programming languages.
- Designed a generic schema for creating and managing various types of mock tests.
- Created an admin panel for teachers to manage and access test data, and to lock or unlock student accounts in case of any malpractice.

SKILLS

- Programming Languages: Python, Javascript, Typescript, Go, Bash Scripting
- AWS: EC2, VPC, S3, ALB, IAM, CloudFront, ACM, CloudWatch, Serverless Computing
- Containerization: Docker, Docker compose, Kubernetes, ECS, EKS
- Database Systems: MongoDB, SQL, Redis
- CI/CD: Jenkins, GitHub Actions
- IAC: Terraform, Pulumi

Vice President

- Development: Nodejs & Experience with React.js, Express.js, Nest.js
- Monitoring and Logging: Prometheus, Grafana, CloudWatch

POSITIONS OF RESPONSIBILITY

• GDSC Cloud Lead 2023 - 2024

Google Developer Student Club, IIIT Dharwad

- Led the GCCP initiative for over 100 students, resulting in Tier 1 status among participating institutes and significantly enhancing their cloud skills.
- Organized and led workshops on cutting-edge Google Cloud Technologies with hands-on experience.
- Techniosys IIIT Dharwad
- Coordinated and executed engaging events for Buildspace and Postman, enhancing participants' tech skills.
- Organized **competitive tech events** that boosted innovation and sharpened participants' skills.