Sk Sofiquee Fiaz

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Education

VIT Bhopal University, Madhya Pardesh, B Tech in Computer Science and Engineering (Core) — 2022 – 2026

- GPA: 8.71/10.0

Kendriya Vidyalaya, Burdwan, Science Stream — 2018 – 2020

- Percentage: 92.8%

Kendriya Vidyalaya, Burdwan — 2016 – 2018

- Percentage: 89%

Technologies

Languages: C++, C, Java, Python, C#, SQL, JavaScript

Backend Framework: Spring Boot, Django, Flask, REST API, JDBC

Cloud & DevOps: AWS, Microsoft Azure, Linux, Git, GitHub, Shell Scripting, Docker, Kubernetes, Jenkins, Terraform, Grafana

Databases: MySQL, Mongo DB, Redis, PostgreSQL, DynamoDB

Experience

Data Science & Analytics , Zidio Development – India — March 2025 – May 2025

- Reduced time to render user buddy lists by 75% by implementing a prediction algorithm
- Integrated iChat with Spotlight Search by creating a tool to extract metadata from saved chat transcripts and provide metadata to a system-wide search database
- Redesigned chat file format and implemented backward compatibility for search

Projects

Health Care Hub – AI-Powered Diagnosis Platform — GitHub

- Built an **AI-driven healthcare app** using **Streamlit** for UI and **FastAPI** for backend. Integrated **EfficientNet/BERT** for **medical image & symptom analysis**, deployed via **Docker, Kubernetes, and AWS/GCP Lambda**. Achieved **real-time, high-accuracy predictions**, monitored with **Prometheus & Grafana**.
- Tools Used: Python, TensorFlow, OpenCV, Hugging Face, FastAPI, WebSockets, Docker, Kubernetes, GitHub Actions, AWS (Lambda, S3, EC2)

Serve Me – Automated Trash Detection Web App — GitHub

- Built a Streamlit-based trash detection app using MobileNetV2 for real-time classification. Deployed via FastAPI, Docker, and Kubernetes, with CI/CD (GitHub Actions, Jenkins) and AWS/GCP Lambda for scalable inference. Achieved >90% accuracy with <100ms latency, monitored via Prometheus & Grafana.
- Tools Used: Python, TensorFlow, OpenCV, FastAPI, WebSockets, Docker, Kubernetes, GitHub Actions, AWS, Prometheus, Grafana

Automated Cancer Detection Web App — GitHub

- Implemented Machine Learning models for Breast Cancer Classification & increased accuracy >2% also worked on UI/UX design for common usage which helps Medical Researchers for accurate diagnosis — SVM, Classification (Python)
- Tools Used: Python, Streamlit, Mongo DB, Docker