MANUSHI DAGLI

Vadodara, IN • +91 94266-18679 • manushidagli2512@gmail.com • LinkedIn • GitHub • Portfolio

SUMMARY

Impact-Driven Software Engineer bridging **Full-Stack Development** and **Applied AI** to create scalable solutions. Delivered mission-critical platform stability under extreme user load and drove user growth. Key projects include architecting a proprietary **Image Recognition service** and a production-grade **RAG-based AI product**.

WORK EXPERIENCE

Jeavio (India) Pvt Ltd. Vadodara, IN

Software Engineer (Typescript, Strapi CMS, Design Systems, Node, Python, MongoDB)   *Jun 2025 – Present*

- Drove user base growth and engagement for **Fortune 500 clients** by designing and delivering critical, complex features as a **forward deployed Full-Stack Engineer** following Agile principles.
- Architected a **Scaleable image recognition microservice** (deemed the 'most significant feature' of the Q3 release bystakeholders), automating the manual process and optimizing the process for a **75% time reduction**.
- Managed the development and scaling of the product, successfully supporting **high-volume concurrent user traffic** during peak events.
- Delivered mission-critical technology for one of the **most attended events in the US**, ensuring **platform stability** and **leading incident resolution** to maintain high performance under extreme load.

Associate Software Engineer (Python, RAG, Auth0, Design Systems, VectorDB)   *May 2024 – May 2025*

- Engineered **Production-ready AI application** incorporating multi-source data ingestion and **Retrieval Augmented Generation (RAG)**, **improving context retrieval accuracy by 15-20%** and facilitating more relevant search results.
- Integrated and benchmarked various **Large Language Models (LLMs)**; implemented **intent detection** and designed hybrid retrieval strategies to optimize relevance and response time.
- **Integrated Auth0** to establish **secure user authentication** and streamline user management across the platform.
- **Integrated Google Drive** via webhook-based **real-time document ingestion** and designed **Jira integration**, allowing users to query Epics and User Stories.

TECHNICAL SKILLS

Programming: Python, Java, C++, JavaScript, Node, TypeScript
Databases: MySQL, PostgreSQL, MongoDB
Version Control and Collaboration: Git, BitBucket, Jira, Confluence
Cloud, Infrastructure and CI/CD: Amazon Web Services, Github Actions, Docker, SonarQube
Others: Pytest, Jest, Vitest, Strapi CMS, Redis, RabbitMQ, LLM, RAG, Prompt Engineering

EDUCATION

Dharmsinh Desai University, Nadiad, IN   August 2020 - May 2024
B.Tech in Information Technology   GPA: 8.88/10.00
Relevant coursework: Advanced Algorithms, Data Structure and Algorithms, Operating Systems, Database Management System, Object Oriented Programming, Functional Programming, Working with Linux

ACADEMIC PROJECTS

Digital Curriculum and Resource Management Platform (Java SpringBoot, React, MySQL, JWT, Apache Kafka)

- Full-stack application to **streamline curriculum design** and ensure data isolation for universities, securely managing faculty and departmental details.
- Integrated **JWT security protocols**, to prevent cross-site scripting vulnerabilities and reduce potential data breaches.

ACTIVITIES

Event Lead at CodeChef Chapter of Dharmsinh Desai University

- Led **competitive programming** events in partnership with the **CodeChef Platform**, fostering algorithmic skills among peers and mentees.
- Conducted a **Data Structures and Algorithms bootcamp**, providing essential technical foundation.