

# MANUSHI DAGLI

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## 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 by stakeholders), 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 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** (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.