

# Dhruv Harish Agrahari

+91 8652202004 | [dhruv.agrahari25@gmail.com](mailto:dhruv.agrahari25@gmail.com) | [linkedin.com/in/dhruv25agrahari](https://linkedin.com/in/dhruv25agrahari) | [github.com/Dhruvagrahari25](https://github.com/Dhruvagrahari25)

## EDUCATION

**University of Mumbai - Thadomal Shahani Engineering College**

Mumbai, India

*Bachelor of Engineering in Artificial Intelligence & Data Science (CGPA: 8.86)*

2022 – 2026

## EXPERIENCE

**General Mills India**

Mumbai, India

*Software Engineering Intern*

June 2025 – Aug. 2025

- Built an automated backend monitoring service to enforce data integrity for the International segment covering over 35,000 products.
- Designed RESTful APIs using FastAPI to validate and write back data to downstream systems with sub 200ms response time.
- Improved operational efficiency by 95% by eliminating 36%+ inactive product–location records through automated validation logic.

**DHWL Technologies PVT LTD**

Mumbai, India

*Software Engineering Intern*

June 2024 – Aug. 2024

- Created backend pipelines for a Retrieval-Augmented Generation (RAG) system, handling document ingestion, embedding generation, and semantic search workflows capable of ingesting 200MB documents.
- Integrated LLM APIs (Gemini 2.0 Flash, Llama-2 via Ollama) with vector databases (FAISS, Pinecone) to serve retrieval and response pipelines.
- Undertook LLM benchmarking & evaluation using RAGAS and fine-tuned LLMs, increasing the accuracy scores by 22%.

## PROJECTS

**GreenStack** | *React, PostgreSQL, Express, Node.js*

- Developed backend services to manage customers, products, orders & scheduling, implementing RESTful APIs with role-based access to ensure data security.
- Modeled relational schemas to support order routing between 3 entities: customers and suppliers.
- Implemented a separate module for invoice generation, invoice sharing, and deriving aggregated business insights.

**ArticleQuery** | *Python, LangChain, Streamlit, Google Gemini 2.5 Flash*

- Engineered pipelines to ingest web content via URL scraping, process text, and store embeddings for semantic search.
- Used retrieval workflows using FAISS and HuggingFace embeddings to enable accurate query resolution over scraped content.
- Merged LLM APIs to generate responses from retrieved data, focusing on optimized data flow.

**AI Resume Optimizer** | *Python, LangChain, Streamlit, Google Gemini*

- Constructed a tool to optimize resume scores targeting an ATS score of >80% for the given job description by designing a processing pipeline to extract text, generate embeddings, and produce structured improvement suggestions.
- Implemented multimodal LLMs for resume parsing and ATS optimization, improving keyword extraction and match accuracy by 30%+ across tested job descriptions.

## TECHNICAL SKILLS

**Languages:** JavaScript (Node.js), Python, C++, Java

**Frameworks:** Node.js, Express.js, FastAPI, JWT, OAuth

**Databases:** MySQL, MongoDB, PostgreSQL

**Developer Tools:** Git, GitHub, Postman, VS Code, IntelliJ IDEA

## ACHIEVEMENTS

**SIH 2025 Finalist:** Ranked in the Top 5 teams nationwide in Smart India Hackathon.

**Mumbai Hacks 2024 RunnerUp:** Secured 2nd place in a competitive hackathon.

**Competitive Programming:** Solved 500+ Data Structures and Algorithms (DSA) problems.