

DURVA KADAM

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Education

St. Francis Institute of Technology

Aug 2022 – May 2026

B.Tech - Information Technology with Honours in AI/ML - CGPA: 8.86

Mumbai, India

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, C++, C
APIs & Integrations: REST APIs, SDKs, Webhooks, OAuth, Postman
Databases: MySQL, PostgreSQL, MongoDB, Firestore
Web Development: React.js, Next.js, Redux, Node.js, Express.js, Tailwind CSS, Bootstrap
Systems: Linux/Windows internals, Shell scripting, File systems, APIs
Tools & Platforms: Git, GitHub, Docker, Firebase, Linux, Vercel
Relevant Coursework: Data Structures and Algorithms, Operating Systems, DBMS, Artificial Intelligence & Machine Learning, OOP, Web Development

Internships

HumbleWalking | Node.js, Express.js, MongoDB, JWT, REST API

May 2025 – July 2025

Backend Engineer

Mumbai, India

- Built and optimized RESTful APIs using Node.js and Express.js, improving data retrieval speeds by 30%.
- Integrated MongoDB and JWT-based authentication; designed complex schemas for user, appointment, and HR modules.
- Collaborated with cross-functional teams to integrate APIs into client-facing systems, improving reliability.

Projects

Victor | [GitHub](#) | LangChain, Milvus, AsyncIO, MongoDB, Docker

Sep 2025 – Dec 2025

- Architected a **production-grade RAG platform** using LangChain and Milvus ANN vector search for low-latency semantic document retrieval and contextual Q&A.
- Reduced end-to-end query latency by **40%** through **embedding caching, reranking, and async FastAPI pipelines**, supporting **1k+ indexed document chunks** with authenticated streaming responses.

UrbanDepot | [GitHub](#) | JavaScript, Node.js, Google Maps API, Tesseract.js **Oct 2024 – May 2025**

- Designed and deployed a scalable real-time parking marketplace with full-stack ownership from backend APIs to deployment.
- Implemented **Google Maps API** for geolocation and directions, and **OCR automation** for document verification.
- Reduced average parking search time by **35%** through real-time availability and dynamic routing.

CodeIQ | [GitHub](#) | Agentic AI, Multi-Agent Systems, FastAPI, Node.js

June 2025 – Present

- Developed an **Agentic AI system** with specialized agents (**Reader, Writer, Verifier, Role Adapter, Evaluator**) for intelligent docstring generation and verification.
- Implemented **multi-agent orchestration** with autonomous reasoning, feedback loops, and runtime + static analysis (**AST parsing, execution tracing**).
- Automated repository integration via **GitOps workflows**: branch creation, signed commits, PR generation.

Extracurricular

National Service Scheme (NSS)

June 2023 – April 2025

Volunteer

St. Francis Institute of Technology, Mumbai

- Contributed to NSS initiatives including donation drives, campus cleanliness efforts, and rural outreach programs.

Achievements & Certifications

- **Smart India Hackathon 2025 (SIH)** — Grand Finale participant; built a large-scale document retrieval and policy intelligence system for the Ministry of Education.
- **Colloquium 24 Project Competition** — **1st Prize** for **DISPENZO**, a smart ration distribution hardware system.
- **Hacktoberfest 2025** — Active open-source contributor; merged multiple pull requests on public GitHub repositories.
- **VLIT Case Study Competition** — **1st Place** for innovative business case analysis.
- **HackRx 2.0, Hackathonix, SPIT Hackathon** — Built AI/ML and web-based solutions.
- **Certifications:** Oracle Cloud Infrastructure Foundations (2025) | Oracle AI Foundations (2025) | Google Agile Project Management (2025) | Python Data Structures – Univ. of Michigan (2025)