

DURVA KADAM

Borivali East, Mumbai - 400066

[+91-8828174914](#) | durvakadam204@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

Education

St. Francis Institute of Technology <i>B.Tech - Information Technology with Honours in AI/ML</i> - CGPA: 8.86	Aug 2022 – May 2026 <i>Mumbai, India</i>
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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 <i>Backend Engineer</i>	May 2025 – July 2025 <i>Mumbai, India</i>
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- 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
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- 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
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- 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
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- 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
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<i>Volunteer</i>	<i>St. Francis Institute of Technology, Mumbai</i>
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- 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)