

# Kshayik Doshi

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## EDUCATION

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### Dwarkadas J. Sanghvi College of Engineering

*B.Tech in Computer Engineering (CGPA: 8.65)*

Mumbai, India

*Aug 2023 – May 2027*

## TECHNICAL SKILLS

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**Languages:** Java, C++, JavaScript, SQL, Python

**Frameworks & Libraries:** Spring Boot, Node.js, Express.js, REST APIs, WebSockets

**Databases:** PostgreSQL, MySQL, Supabase, Neo4j

**Tools & Platforms:** Docker, CI/CD, Git, Linux, Ollama, FastAPI

**Core Concepts:** Distributed Systems, System Design, Concurrency, OOP, DSA

**AI/LLM:** Prompt Engineering, Agentic Workflows, Local LLMs, Retrieval Pipelines, Embeddings

## EXPERIENCE

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### Software Developer Intern

*Navlakhi Studio*

Mumbai, India

*June 2024 – Aug 2024*

- Built backend services and RESTful APIs for an academic management platform, implementing role-based authorization and relational database workflows in a collaborative development environment.

## PROJECTS

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### Mr. Meeseeks: Local Agentic AI Assistant

*Python, Ollama, Qwen2.5, asyncio, Linux, AT-SPI2*

May 2026 – Present

- Built a local-first agentic AI assistant leveraging Ollama-hosted Qwen2.5 models for low-latency reasoning, structured tool execution, and asynchronous subprocess orchestration on Linux systems.
- Implemented a schema-driven JSON action-routing pipeline using Python asyncio to coordinate modular execution agents, enabling controlled desktop automation and context-aware reasoning workflows.
- Designed a semantic desktop perception and safety layer using Linux AT-SPI2 accessibility APIs and observable terminal-routed execution flows, avoiding OCR-heavy vision pipelines while maintaining transparent user oversight.

### StratLens 360 (Hackathon Winner)

*FastAPI, Next.js, OpenAI, n8n*

March 2026

- Built an AI-driven analytics platform aggregating multi-modal business data including reviews, reel transcripts, visual cues, and social media sentiment into structured strategic insights.
- Designed automated n8n workflows processing 5,000+ data points into SWOT, BCG Matrix, PESTEL, and 4P analysis pipelines for restaurant intelligence generation.
- Integrated WhatsApp and ChatGPT-based querying interfaces enabling natural-language interaction with generated business insights in near real time.

### Equity Lens (Hackathon Winner)

*FastAPI, Next.js, Supabase, Neo4j*

April 2026

- Designed scalable ingestion pipelines processing ~1GB of financial datasets into relational and graph-based storage systems, enabling efficient analytical querying across structured enterprise data.
- Built asynchronous chunked data ingestion workflows storing 8,000+ relational records in PostgreSQL (Supabase) and 15,000+ graph relationships across Neo4j for interconnected financial analysis.
- Designed a hybrid query layer integrating relational and graph-based retrieval to generate interconnected financial insights from large structured enterprise datasets efficiently.

## CO-CURRICULAR

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### DJS Arya CanSat Team — Software Development Lead

*Flight Software, Telemetry Systems, Ground Station Development*

Mumbai, India

*June 2024 – Present*

- Core software contributor to the **National Champion team** at the **ISRO & IN-SPACe CanSat Competition**, and participant in the **International CanSat Competition (NASA)**, delivering mission-critical flight software under strict real-time and reliability constraints.
- Led development of the **real-time Ground Station Dashboard** (live telemetry @ **1 Hz**, **7+ graphs**, **22 flight parameters**), and mentored **11 junior developers** to enforce modular design and maintainable code practices.