

Farhan Inamdar

Software Engineer | AI and Full-Stack Development

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PROFESSIONAL SUMMARY

Enthusiastic aspiring AI Systems Software Engineer with strong Python and ML fundamentals, excited to support the development and scaling of LLM-powered applications, data orchestration, and AI tooling. Proven through projects in model training, deployment, and optimization; ready to learn fast, collaborate effectively, and contribute meaningfully in a dynamic working environment.

EDUCATION

Bachelor of Engineering (B.E.) in Information Technology

Vidyavardhini's College of Engineering and Technology, Vasai — Mumbai University

CGPA: 8.3/10

CORE COMPETENCIES

Programming Languages: Python, JavaScript, TypeScript

Full-Stack Development: FastAPI, Flask, Node.js, Express.js, React, RESTful APIs, Microservices

AI and ML: PyTorch, TensorFlow, CNN, Langchain, Data Pipelines, LLMs, MCP

Cloud & DevOps: Azure, Docker, CI/CD Pipelines, Linux, Version Control (Git/GitHub), Render, Vercel

Databases: PostgreSQL, MongoDB, MySQL, Firebase

PROFESSIONAL EXPERIENCE & PROJECTS

MCP Chat Agent SDK — Full-Stack AI Chat SaaS

Technologies: Node.js, Express.js, React, TypeScript, PostgreSQL, Groq AI, Docker, Render, Vercel

- Built scalable architecture supporting 500+ concurrent sessions, 10,000+ messages/month with sub-800ms response times
- Architected secure RESTful APIs with real-time CMS integration; automated database cleanup reducing bloat by 30%
- Published enterprise-grade React SDK to npm enabling 5-minute client onboarding with detailed technical documentation and code review, implemented CI/CD pipelines for seamless deployments
- Package: npmjs.com/package/@hey-farhan/cs-chat-agent

Green-Shield — Plant Disease Detection

Technologies: PyTorch, FastAPI, Flutter, Firebase, Render, CI/CD

- Trained CNN on 22,000+ images across 16 disease classes achieving 95.3% accuracy with OOD detection filtering
- Developed full-stack mobile/web app with real-time diagnosis and Firebase authentication; deployed FastAPI backend on Render, demonstrated end-to-end project ownership.
- Live: green-shield.onrender.com

Code-Collab — Real-Time Collaborative IDE

Technologies: Node.js, Socket.IO, Piston API, Vercel, WebSockets

- Built collaborative environment supporting 10+ languages with <150ms latency across 20 concurrent users
 - Architected WebSocket-based communication using Socket.IO for low-latency bidirectional updates.
 - Live: code-colab-six.vercel.app
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CERTIFICATIONS & ACHIEVEMENTS

- **Techsurf'25 Top 10 Winner** — Contentstack's pan India Individual Hackathon
- **Python Project for Data Engineering** — IBM Skills Network
- **National Level Technical Showcase** — Green-Shield presented at VNPS'25 to industry experts