

KRISHNA KADU

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SUMMARY

A highly motivated Software Engineer with 2 years of hands-on experience in Agentic AI development, MCP Servers, and Web Development. Passionate about building AI Agents, simplifying and automating complex systems with AI, and user friendly interactive websites

SKILLS

AI & LLM's: LangChain, LangGraph, MCP, Agent Development, RAG, Prompt Engineering, Generative AI, Machine Learning

Programming Languages & Frameworks: Python, JavaScript, Node.js, SQL, C++, FastAPI, Vue.js, Typer, n8n, RESTful API

DevOps & Concepts: AWS, GCP, Docker, Kubernetes, CI/CD, Git, System Design, DSA

EXPERIENCE

Dassault Systèmes

Pune, India

SOFTWARE ENGINEERING ASSOCIATE - AI and Developer Tooling

Jul 2024 - Present

- Served as **sole architect** for an organization-wide **MCP (Model Context Protocol)** code-review server, designed to handle 6000 developer requests per day across the entire R & D organization; **reduced average code-review cycle time by 40%** and enabled bugs to be caught at the development stage rather than post-build.
- Developed an **AI action agent** enabling developers to trigger complex operations — sandbox deployments, CI/CD build runs — through natural-language chat, removing multi-step CLI / UI overhead with **time saving of 50%**.
- Built a **LangChain**-powered documentation **AI agent** and **RAG** that delivers instant, context-aware answers from internal development documentation, eliminating manual lookup time for engineers across the organization.
- Architected and delivered **InfoHub**, a **unified internal dashboard** built with **Vue.js** and **Vuetify**, **reducing required user interactions by up to 80%** through intelligent filtering and a streamlined UX.
- **Co-architected a Python and Typer-based CLI**, for **streamlining and automating** 12+ pipeline commands covering sandbox creation, user-testing orchestration, and deployment visibility

Dassault Systèmes

Pune, India

SOFTWARE ENGINEERING INTERN

Jan 2024 - Jun 2024

- Built a full-stack internal QA tool (Vue.js, Node.js, Python) reducing manual QA effort by 30%; re-engineered data-processing pipeline as a multi-threaded Python script, improving throughput by 50%.

PROJECTS

[Amul Protein n8n automation](#)

- **Engineered an automated stock-tracking solution** for Amul retail products, eliminating manual monitoring by programmatically polling inventory data.
- **Reverse-engineered** proprietary web authentication protocols, deciphering complex cookie and session management mechanisms to bypass access restrictions for automated requests.
- **Integrated ElevenLabs AI Voice Agents** via API to trigger automated outbound telephonic notifications, providing real-time inventory alerts directly to the user's mobile device upon stock detection.

EDUCATION

Savitribai Phule Pune University, Pune, India
B.E in INFORMATION TECHNOLOGY

Jan 2021 - May 2024
GPA: 9.05/10