

SUJAL

AI DEVELOPER

PYTHON | FASTAPI | MONGODB | BACKEND SYSTEMS

PROFESSIONAL SUMMARY

AI developer with hands-on experience in Python FastAPI and MongoDB. Strong problem solving background with 300+ LeetCode questions. Actively learning LLM agents and machine learning. Focused on building scalable systems powered by AI agents.

CONTACT

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Portfolio: www.portfolio-link.com

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python(Advanced), PHP, JavaScript
- **Backend & Frameworks:** FastAPI, REST API development
- **Databases:** SQL, PL/SQL, MongoDB, Vector db
- **AI and ML:** LLM agents, RAG, prompt engineering, model integration, LangChain, Groq or OpenAI API usage
- **Data Structures & Algorithms:** Strong foundation (DS, problem-solving)
- **Tools & Others:** Git, version control

PROJECTS

AI Powered Workflow Automation System

- Repetitive tasks like data scraping summarizing and emailing were slow and fully manual.
- Created an AI agent that plans multi step actions uses tools and automates workflows through FastAPI and vector memory.
- Delivered end to end automation reducing task time dramatically and showcasing real AI agent engineering ability.

Automated Email Engine using LLM and FastAPI

- Users struggle to draft clear emails quickly and automate repeated messaging tasks.
- Built an email engine with FastAPI and LLMs that drafts context aware messages and sends them automatically.
- Improved communication speed and accuracy while showcasing AI integration with real backend workflows.

Real Time Chatroom Application

- Built a real time chat application using FastAPI and WebSockets enabling instant message exchange between users.
- Implemented user sessions and efficient message broadcasting to ensure smooth low latency communication.

ACADEMIC HISTORY

BCA | PGGC 11 Chandigarh | 2023 to 2026

12th | GSSS Bhararu | 2023 | 90.4%