

MOKSHIT JAIN

Software Developer | AI & Full-Stack Engineer | Bhawani Mandi, Rajasthan | +91-7000209021 | mokshitjain18@gmail.com | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Resourceful Computer Science student and versatile Full-Stack Developer with a proven track record of architecting and delivering complex AI-powered solutions. Experienced in working directly with founders to ideate and launch products from scratch. Adept at building scalable microservices, automating workflows with LLMs (LangGraph/OpenAI), and integrating diverse systems (WhatsApp, Payment Gateways, IoT). Passionate about using technology to drive operational efficiency and user engagement.

WORK EXPERIENCE

Software Developer (Product & Engineering) | AIRIA Remote | Apr 2025 – Present

Working closely with product leadership to ideate, architect, and deliver multiple AI-driven SaaS products. Responsible for full-stack development, system architecture, and client feedback integration.

Key Projects & Achievements:

FDC Sales Quotation Bot (Client Project):

- * Architected an intelligent sales platform that reduces quotation creation time by **97%** (from 30 mins to <1 min) by integrating **WhatsApp Business API** with legacy accounting systems.
- * **Self-Learning Cheque Processing:** Developed an AI pipeline to automate cheque settlements. Implemented a feedback loop where the system learns user-verified mappings (e.g., mapping "ABC" on a cheque to "BCD Private Ltd" in the ledger), achieving **95%+ accuracy** in extracting critical data.
- * Implemented a **RAG (Retrieval-Augmented Generation)** pipeline using **PostgreSQL (pgvector)** and **OpenAI** to achieve 99% accuracy in product identification from natural language queries.

YourMitra (Client Project):

- * Solely architected and developed the full-stack solution using **Astro** for the frontend and **FastAPI** for the backend, achieving a lightning-fast **500ms load time**.
- * Engineered advanced media generation pipelines leveraging **Temporal.io** for orchestration, reducing story generation latency from 20 minutes to 2 minutes through parallel processing. The solution is capable of handling several hundred story generations per minute.
- * Built a comprehensive e-commerce module with **RazorPay** integration and utilized **ElevenLabs API** to generate professional multi-language narration, enabling seamless digital product fulfillment.

DrCode UI Testing Automation (In-house Product):

- * Engineered a "Text to Test" platform that enables users to articulate test scenarios in natural language; the system automatically executes the tests and generates corresponding executable **Playwright** scripts.
- * Designed a real-time execution feedback loop using **Socket.IO**, enabling developers to watch browser automation live via a web interface.
- * Reduced test script maintenance overhead by creating an AI-powered adaptation layer that handles dynamic UI changes.

RunApp (In-house Product):

- * Developed a microservices-based fitness application using **NestJS** that integrates with **Strava and Garmin APIs** to generate personalized workout plans.
- * Implemented a specialized Pace Calculator engine and notification system (WhatsApp) to improve athlete engagement and training adherence.

Freelance Developer | Innovation Studio LPU & Ministry of Defence Nov 2024 – Jan 2025

Collaborated with stakeholders to define requirements for a vehicle validation system, delivering features ahead of schedule.

Architected microservices for checkpoint logging and e2e monitoring, optimizing **PostgreSQL** queries for high-speed data retrieval.

Enhanced system security with **Role-Based Access Control (RBAC)** and secure session management.

Demo: youtu.be/3xswnyAoGAU

****EDUCATION****

B.Tech, Computer Science | Lovely Professional University (2022 – 2026) | CGPA: 7.8/10

****TECHNICAL SKILLS****

Languages: Python, JavaScript (TypeScript), SQL, C++

Backend & Frameworks: FastAPI, NestJS, Node.js, Next.js, React, LangChain, Temporal.io

AI & Data: OpenAI APIs, Vector Databases (pgvector, Pinecone), RAG Pipelines, Data Scraping

DevOps & Cloud: Docker, AWS (EC2, S3), Git, CI/CD, Nginx, Linux

Databases: PostgreSQL, MongoDB, Redis

Testing & Automation: Playwright, Pytest, Selenium

****PRODUCT & SOFT SKILLS****

Product Management: Agile Methodologies, Sprint Planning, Stakeholder Management.

Soft Skills: Cross-functional Collaboration, Client Communication, Critical Thinking, User-Centric Design.

****AWARDS & EXTRACURRICULAR****

1st Runner Up, MEDHA Medical Device Hackathon 2024

Participant, Hack IT Sapiens 2.0

Thrombocizer: Led technical development for a wellness-focused leg movement device for paralyzed patients (IoT/Hardware).