MOHAMMED SHAHID M

Chennai, India| +91-9677081156 | LinkedIn | musabbarshahid@gmail.com | GitHub

WORK EXPERIENCE

Adrig AI Technologies Pvt. Ltd Chennai, On-site
AI Intern October 2024 – January 2025

- Built a Sales Agent that talks to the customers in E- Commerce Websites and Landing pages to explain the services and products offered , where I designed and built a custom RAG workflow to do a multi-lingual context vector search and generate apt responses. Developed a Compliance Evaluation Agent for the GFCF framework for a client business allowing them to verify compliance using the AI Agent which gave a speedup of compliance evaluation to upto 2 times

ZOCKET Chennai, On-site
Founder Office Tech Intern January2025 – February 2025

- Built AI Agents using Langgraph , CrewAI and creating a MCP server for an SEO AI Agent.

SUSTAIN AI STUDIOS Work From Home
AI/ML Engineer Intern –(Solo Developer with an AI Researcher) February 2025 – May 2025

- Implemented an end to end Compliance Evaluation Agent for Singapore Building Sustainability Frameworks. Built a Vector DB for the existing Frameworks that can be extended to any framework using AI Automation.
- Developed various customized automations (email integrations, chatbots, evaluation tool, annotation in user documents) in the compliance tool without using automation frameworks to ensure full customization and control

MANIFOLD SYSTEMS Work From Home
AI Engineer - Freelancer July 2025-Present

- Built and deployed production AI agents in collaboration with founders, contributing to an AI agent deployment platform supporting multi-cloud environments.
- Developed domain-specific agents (health, sales, research) using CrewAI, LangChain, and AG2, with structured workflows and tool execution.
- Deployed and managed agents across AWS Bedrock, Google Vertex AI, and Azure AI, integrating data connectors via Google MCP Toolbox and optimizing for cost and reliability.

SKILLS

Programming Languages: Python, JavaScript, Java, C++
Web Technologies: Node.js, Express.js, React, MongoDB, PowerBI, Git/GitHub, Qdrant, ChromaDB
Languages: Fluent in English, Tamil and Beginner Level Hindi , Spanish and Arabic

Technical Skills: AI Agents Development, Vector Databases, RAG, ML, DL ,DSA, Operating Systems, Database Management Systems, Computer Networks

PROJECTS

Enhancing HCI with LLMs by tracking facial reactions
Technologies Used: LLAMA (locally running), FASTAPI, OpenCV

- Created a system that adapts interactions in real-time based on user comprehension and emotional cues via facial recognition. Improved user satisfaction, making advanced technology more accessible to those less familiar with it.(This was done before the launch of "pause" button by OpenAI.)

AI Crew for Restaurant Reservation System and Issue Register
Technologies Used: Gemini API, LLAMA , OLLAMA, ChromaDB

- Built a crew of AI agents to accomplish the working of a field executive in a restaurant chain. Developed to perform table reservation, tracking user issues and escalating them to the concerned authoritites.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY Chennai, India
Bachelor of Technology July 2025
Major in Computer Science Engineering