


Abu Huzaifa Ahmad

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 Portfolio

 @HuzaifaAhmad0

 @huzaifa1097

PROFESSIONAL SUMMARY

Full-Stack Engineer architecting scalable backend and AI-driven systems, including RAG pipelines, autonomous execution agents & multi-agent orchestration frameworks, using Python (FastAPI), Java (Spring Boot), and Google Cloud Platform.

EXPERIENCE

Software Engineering Intern | Seatech

Sep '25 – Nov '25

- Assisted in developing and maintaining backend services with API design and database management.

Software Engineer | Seatech

Dec '25 – Present

- Led backend architecture design for a B2B procurement platform, defining normalized schemas and API contracts for scalable catalogue and enterprise ordering workflows.
- Implemented RESTful services for inventory filtering, SKU categorization, and bulk quotation processing across multi-attribute product datasets.
- Designed extensible domain models and validation layers to support product specifications and OEM bidding workflows.
- Engineered order aggregation and request batching logic to optimize bulk buyer transactions.

PROJECTS

❖ OmniLeap – Full-Stack AI Agent

Aug '25 |  | Live 

AI agent with long-term memory, autonomous tools, and multi-agent collaboration and other features.

Features-

- Architected a scalable backend using Python, FastAPI, and Docker; deployed on Google Cloud Run (serverless).
- Designed a Retrieval-Augmented Generation (RAG) pipeline using ChromaDB and Firestore for persistent semantic memory.
- Built an autonomous Code Interpreter enabling secure Python execution for dynamic analysis and visualization.
- Implemented multi-agent orchestration using CrewAI for task delegation and collaborative AI workflows.
- Integrated Firebase Authentication for secure user access (OAuth + email/password).

❖ Uber – Ride Booking (Backend API)

Oct '24 |  | Live 

Engineered a reliable ride-booking backend system with a focus on stability, speed, and performance under load.

Features-

- Built a scalable backend API using Java, Spring Boot, and PostgreSQL.
- Implemented role-based JWT authentication (Rider, Driver, Admin).
- Designed transactional workflows for ride booking, cancellation, and driver assignment.

TECHNICAL SKILLS

- ❖ **Languages:** Java, Python, TypeScript, JavaScript, Html, CSS
- ❖ **AI & Machine Learning:** LangChain (Agents, RAG), Multi-Agent Systems (CrewAI), Vector Databases (ChromaDB), Code Interpretation, LLM Integration (Gemini, Groq), Pandas, Matplotlib, TensorFlow, PyTorch
- ❖ **Backend:** FastAPI, RestAPI, Python, Springboot
- ❖ **Frontend:** React.js, Next.js, Tailwind CSS
- ❖ **Database:** Firebase Firestore (NoSQL), PostgreSQL, Supabase
- ❖ **Cloud & DevOps:** Google Cloud Platform (GCP), Docker, Google Secret Manager, Git, GitHub

EDUCATION

- ❖ **High school** – City Montessori School **Percentage: 70% | (2019)**
- ❖ **Intermediate**-Central Academy **Percentage: 79.2% | (2021)**
- ❖ **Bachelors of Technology in Computer Science Engineering** from Galgotia's University **CGPA: 7.17 | (2021-2025)**