

Ayan Maiti

mightyayan369@gmail.com | +91-9830225282

A fast learner with a strong aptitude for mastering new technologies, I excel in problem-solving and thrive in collaborative team environments. Known for delivering high-quality solutions ahead of deadlines, I bring a methodical, organized approach to software development. I'm currently deepening my expertise in AI and LLMs, with a keen interest in building intelligent, real applications.

EDUCATION

TECHNO MAIN SALT LAKE

B.TECH IN ELECTRICAL

ENGINEERING

July 2023 | Kolkata, WB

CGPA: 8.99 / 10

LINKS

Github: [moonman369](#)

LinkedIn: [Ayan Maiti](#)

Portfolio: [moonman.in](#)

Leetcode: [moonman369 \(300+\)](#)

Devpost: [moonman369](#)

SKILLS

LANGUAGES:

Java • Python • JavaScript • Solidity
• TypeScript • C# • Golang

FRAMEWORKS:

SpringBoot • LangChain •
OpenRouter • AI OpenAI SDK •
NodeJS • ExpressJS • .NET • Django
• ActiveMQ • ReactJS • Git • Docker

DOMAINS:

Cloud • API Integration • RAG
Architecture • Data Structures and
Algorithms • Web Development •
Microservices

DATABASES:

MongoDB • Azure Cosmos DB •
Vector DBs (FAISS/Pinecone) •
MySQL

CLOUD AND AI:

Azure • Mulesoft (Salesforce) •
OpenAI

CERTIFICATIONS

- AZ-900 Azure Fundamentals (Microsoft)
- IT Automation Using Python (Google)
- Ethereum Developer Bootcamp (Udemy)

EXPERIENCE

TATA CONSULTANCY SERVICES | SYSTEMS ENGINEER

April, 2024 - Present | Kolkata, West Bengal

- Currently working as an **Azure Integration Developer** with an **UK based Retail Account**.
- Single handedly developed **10 Resilient Microservice** based interfaces using **Java SpringBoot** and **.NET** for a time sensitive **Azure Integration project**, from scratch.
- Played an essential part in designing the architecture of Microservices, considering important **runtime factors** such as **Transaction Volume, Response Time, Scalability, Concurrency**, etc.
- Developed **optimal** algorithms to carry out **complicated business logic** in **linear time and minimal space**.
- Worked with different kinds of source and target data serialization formats such as **JSON, XML3, ARTS6(XML), BASE64 text, CSV**, etc. and performed transformation among them.
- Implemented unit tests for aforementioned Microservices with excellent **Code Coverage and Code Quality (Above 85%)** exceeding latest industry standards.
- **Reduced team size by 40%** through **process optimization and efficiency improvements**, ensuring **sustained productivity and cost savings**.
- Achieved a **perfect 5/5** rating in the most recent appraisal cycle, reflecting **exceptional performance and contribution**.

August, 2023 - March, 2024 | Kolkata, West Bengal

- Worked with a domestic retail account as a Mulesoft Integration Developer.
- Single-handedly cloned and developed **6+ middleware applications**.
- Received **appreciation** from client side for **consistent, on-time and bug-free completion of deliverables**.

W3DEV PRIVATE LIMITED | WEB3 DEVELOPER INTERN

May, 2022 - September, 2022 | Kolkata, West Bengal

- Built different **full stack decentralized applications, NFTs, Smart Contracts**, using **various Blockchain Platforms and services**.
- Worked on full-stack web development using frameworks like **NodeJS, EthersJS, ExpressJS, ReactJS** and Unit testing frameworks such as **Chai and Mocha**.

PROJECTS

CODESAGE | AI CODEBASE INTELLIGENCE TOOL | ONGOING

June, 2025 | [GitHub](#)

Developing an **AI-powered** codebase auto-documentation and semantic query system. Integrates Tree-sitter for code parsing, **OpenAI LLMs** for summarization, and a **RAG-based** chunk processing engine backed by a vector store. Enables developer-facing QA over large monorepos.

BLINKMART | FULLSTACK QUICK COMMERCE APPLICATION

January, 2025 | [Live Demo](#) | [GitHub](#)

Creating a **best in class Quick Commerce Application** using **MERN Stack**. With industry standard **User Authentication** and **Payment Gateway Integration**.

PINGBOT | AI CHATBOT

July, 2023 | [Live Demo](#) | [GitHub](#)

Created a **Gen AI based Discord Chatbot** using **Golang based Discord API packages**, and **OpenAI API**. This AI chatbot can generate accurate responses using **GPT 3.5** model in real time, and can be a great addition for institutional as well as personal Discord servers.