# Ayan Maiti

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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. My dedication and hard work ensure consistent success in challenging projects.

## EDUCATION

**TECHNO MAIN SALTLAKE**
B.TECH IN ELECTRICAL ENGINEERING
**July 2023 | Kolkata, WB**
**CGPA: 8.99 / 10**

## LINKS

Github: **moonman369**
LinkedIn: **Ayan Maiti**
Portfolio: **moonman369**
Leetcode: **moonman369 (180+)**
Devpost: **moonman369**

## SKILLS

**LANGUAGES:**
Java • Python • JavaScript • Solidity • TypeScript • C# • Golang

**FRAMEWORKS:**
SpringBoot • NodeJS • .NET • Django • ActiveMQ • ReactJS • NextJS • Hardhat/EthersJS • Git • Docker

**DOMAINS:**
Cloud • API Integration • Data Structures and Algorithms • Web Development • Microservices • Blockchain

**DATABASES:**
MongoDB • Azure Cosmos DB • MySQL

**CLOUD & BLOCKCHAINS:**
Azure • Mulesoft(Salesforce) • Ethereum (EVM Chains)

## 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 Microservice** based interfaces using **Java SpringBoot** and **.NET** for a time sensitive **Cloud Migration project**, from scratch.
- Played an essential part in designing the architecture of Microservices, considering important **runtime factors** such as **Transaction Volume, Response Time, Scalability**, 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

**MESHNODE** | CHAINLINK SPRING HACKATHON
**June, 2023 | Devpost | GitHub**
Created a **decentralized** version of **StackOverflow** and similar QnA platforms using advanced **Ethereum stack and Chainlink's Blockchain Oracle** services for automation of on chain executions. Used **Solidity, NodeJS and NextJS** for developing middleware and frontend applications respectively.

**PINGBOT** | AI CHATBOT
**July, 2023 | | Live Demo | GitHub**
Created a **Gen AI based Discord Chatbot** using **Golang** based **Discord API packges**, 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.

**JUST-DO-IT** | TO-DO LIST APPLICATION
**July, 2023 | GitHub**
Creating a **best in class To-Do List Application** using **Python Django Framework** and **Mongo DB**.