

COBIN MAO

Blockchain Developer

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SUMMARY

Blockchain developer with 4 years of experience in developing and implementing blockchain solutions for various industries. Proficient in DeFi, Ethereum, and Hyperledger Fabric. Successfully led the development of a blockchain-based supply chain management system that improved transparency and traceability. Skilled in smart contract development, decentralized application (dApp) development, and blockchain architecture design. Strong analytical and problem-solving skills, with a track record of delivering high-quality solutions on time and within budget. Passionate about exploring the potential of blockchain technology to transform industries and create new opportunities.

EXPERIENCE

Blockchain Developer

Remote

Suffescom Solutions Inc | California City, California, United States

05/2019 - 05/2023

- Worked on the development of a blockchain-based supply chain management system, utilizing smart contracts to automate and streamline the tracking of goods and services.
- Implemented the internal functionality for hard fork releases in Solidity to adjust the blockchain to the new changes.
- Designed and developed a decentralized application (dApp) for supply chain management using Hyperledger Fabric.
- Participated in the development of a blockchain-based voting system for a community governance project, ensuring transparency and security in the voting process.
- Acquired proficiency in blockchain development tools and frameworks, enabling efficient and effective development of blockchain applications.
- Collaborated with a team of developers to create a blockchain-based game that utilized non-fungible tokens (NFTs) for in-game assets, resulting in a successful launch and positive user feedback.
- Improved data structures to solve 4 serious issues and ease the work of the development team.
- Closely collaborated with the product and development teams to improve the efficiency of the platform.
- Completed 6 community projects, met with stakeholders, and mentored and tutored 3 junior developers.

Full Stack Developer

Remote

KnowledgeHut | Wilmington, Delaware, United States

10/2017 - 05/2019

- Took on the challenge of migrating a legacy monolithic application to a microservices architecture, resulting in improved scalability and reduced maintenance costs.
- Demonstrated strong problem-solving skills in critical situations, such as identifying and resolving a critical security vulnerability in a legacy application, preventing a potential data breach.
- Took on the challenge of implementing a new payment gateway for an e-commerce platform, resulting in improved payment processing times and increased customer satisfaction.
- Developed multiple projects simultaneously, including a complex e-commerce platform and a real-time chat application, resulting in increased revenue and improved user engagement.
- Set up and maintained CI/CD pipelines using GitHub Actions and constructed unit and integration tests for the front end and back end.

Junior Full Stack Developer

WebZap Technologies | Hong Kong

07/2014 - 10/2017

- Wrote and debugged code using various programming languages, such as HTML, CSS, JavaScript, or Python.
- Developed and maintained 30+ REST APIs writing documentation using OpenAPI specifications.
- Took on the challenge of implementing a new payment gateway for an e-commerce platform, resulting in improved payment processing times and increased customer satisfaction.
- Participated in the planning and execution of 10+ business continuity/disaster recovery exercises.
- Took on the challenge of learning new technologies and frameworks, such as Angular and Vue.js, to expand the skillset and contribute to the development of new projects.

EDUCATION

Bachelor's in Computer Science

University of Hong Kong

09/2010 - 06/2014

SKILLS

Languages : Solidty, Rust, Go, Hardhat, Truffle, JavaScript, TypeScript, HTML, CSS, C#/C++, Java, Python

Frameworks : Web3.js, React, React Native, Redux-Saga , Express.js, Node.js, Spring

Databases : MongoDB, Oracle, Cassandra

Tools : Git, Zira, Trello, Atlassian

Platforms : Amzon Web Services (AWS), Microsoft Azure, Google Cloud, Oracle