

Senior Blockchain Engineer

ABOUT

A highly professional blockchain developer with 7 years of experience applying highly secure smart contracts to ensure success and achieve goals. Experienced in implementing industry best practices to fortify smart contracts and safeguard user data, earning the trust of both clients and stakeholders. Proficient in integrating blockchain solutions with existing systems has resulted in seamless user experiences and improved operational efficiency.

EXPERIENCE

- Demonstrated success developing and seamlessly executing smart contracts in complex DeFi and DEX structures.
- Expertised in developing and auditing blockchain smart contracts with various Blockchain platforms including Ethereum, Solana, Binance Smart Chain, and Hyperledger.
- Recognized for maximizing performance by implementing appropriate project management through analysis of details to ensure quality control and an understanding of emerging technology.

TECH STACK

- HTML
- CSS
- JavaScript
- Solidity
- Rust
- Go
- C++
- Java
- Python
- Node.js
- Express.js
- Django
- Docker
- Solana
- MongoDB
- MySQL
- PostgreSQL
- GraphQL

EMPLOYMENT HISTORY

Senior Blockchain Developer, Isobar

April 2020 – April 2023

Developed blockchain-based solutions for supply chain management, digital identity verification, and financial transactions. Designed and developed more than half a dozen Web3 projects and enabled cross-chain communication and data exchange using blockchain interoperability protocols such as Polkadot, Cosmos and Chainlink. Supervised 5 developers to create several e-commerce dApps based on blockchain platforms such as Ethereum, EOS and Hyperledger Fabric.

Blockchain Developer, BlockFi

April 2018 – April 2020

Developed smart contracts and unit tests, deployment scripts using Hardhat, Solidity, Ethers.js, Web3.js, and Typescript. Implemented Defi smart contract using PancakeSwap DEX protocol on Binance Smart Chain. Developed Crypto Trading platform's smart contract on Avalanche network. Developed P2E game smart contract using Rust, Solana SDK, Anchor and Stargaze.

Backend Developer, Verz Design

October 2016 – April 2018

Developed and maintained server-side logic pipelines integrating with a variety of data sources and complex APIs. Architected a global CMS infrastructure that resulted in improved performance from 45% to 98% success rate. Configured MySQL databases for better data sorting and retrieval, refining data access operations by an average of 4 seconds. Leveraged advanced technologies such as Express, REST API's and PostgreSQL to customize and optimize eCommerce applications for improved user experience. Developed back-end architectures with Django/Flask, and MongoDB queries that enabled faster loading speeds.

EDUCATION

Bachelor of Computer Science, Singapore Institute of Technology

September 2012 – September 2016

The program equips students with skills in designing, managing, and analyzing distributed systems and IoT applications. Through hands-on projects and real-world case studies, I gained practical experience with cutting-edge technologies.

