

LOUIS LEE

Full Stack Blockchain Engineer

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SUMMARY

Resourceful Blockchain Developer with 8 years of experience in software engineering. Mastered JavaScript, Golang, and Python. Extensive knowledge in smart contracts, consensus algorithms, and data structures. Hands-on experience developing back-end components, connecting the application to other third-party web services using Node.js. Strong expertise with full software development life-cycle, architecting scalable platforms, development, testing, and agile methodologies. Looking for a job as a Blockchain Developer that will allow me to build the financial system of tomorrow.

EXPERIENCE

Full Stack Blockchain Engineer

Solaverse

04/2022 - 12/2023 London, UK

Solaverse is one of the leading Metaverse in the UK.

- Performed initial client assessment and analysis to begin research process.
- Closely collaborated with the product and dev teams to improve the efficiency of the platform by 25%
- Built a reusable cross-chain libraries
- Assisted in developing the backend that became the foundation for the intersection between Web3 and FinTech
- Defined the structure of the Blockchain Development for the Product team and the Access controls and security and environment.
- Designed and developed the smart contracts using the Solidity and implemented test scripts on the smart contracts using the hardhat framework.
- Optimized the smart contract code and increased the efficiency by 15%, using the Library functionalities of the solidity.
- Reduced by 80% the total amount of time spent to execute the full regression tests by organizing and automating the test cases

Blockchain Developer

PozzlePlanet

03/2021 - 02/2022 Melbourne, AU

PozzlePlanet combines credit cards, payments, and expenses into one experience.

- Participated in the development and maintenance of the application
- Developed complex software and systems deploying React, Next.js, Redux, Typescript, GraphQL and AWS
- Develop features for a high performing single page application designed for industrial optimization
- Improved database performance with 20% by using materialized views and stored procedures
- Developed and implemented smart contracts and decentralized applications with Web3.js and Solidity on the Ethereum platform.
- Led testing and debugging efforts to ensure the security and optimization of blockchain systems.

SKILLS

React

Next

Node

Web3

Solidity

Rust

Python

PHP

TailwindCSS

MaterialUI

JavaScript

Python

Golang

Cryptography

Consensus Algorithms

Smart Contracts

Distributed Systems

Dex

Defi

Data Structures

Lending and Borrowing

OOPs

Metaverse

Staking

NFT marketplace

Trading Bots

EDUCATION

Bachelor's Degree of Computer Science

Singapore University of Technology and Designool

03/2011 - 10/2015 Singapore, SG

STRENGTHS



Collaboration

Working in a team motivates me to give 100% every day. Collective intelligence is the most powerful tool for companies.



Attention to Detail

Always pay strict attention to details because even an unimportant error could ruin the code.



Prioritizing

Prioritizing is why I use 100% of my energy and mental capacity for the most complex and thought-provoking tasks.

INDUSTRY EXPERTISE

Blockchain



DeFi Protocols



EXPERIENCE

Web3 Full Stack Developer

Decentral Inc

📅 05/2019 - 02/2021 📍 Toronto, CA

Decentral is a Toronto-based innovation hub and software company focused on blockchain technologies.

- Primarily developed UI components & API contracts for a dashboard & online applications using React, Next, Typescript and TailwindCSS and integrated web3 with Wagmi, Thirdweb and Rainbowkit
- Worked with software development and testing team members to design and develop robust solutions to meet client functionality, scalability, and performance requirements
- Used GIT as a version control for branching and rebase, JFrog as an artifactory to maintain artifacts
- Participated in developing a complex bookkeeping system that handled financial transactions 60% more efficiently than the previous one
- Improved database performance by 12% by using materialized views and stored procedures

Backend Developer

Netcotech

📅 09/2017 - 03/2019 📍 Edmonton, Canada

Netcotech is the best IT network security & management company.

- Collaborated with cross-functional teams to define requirements.
- Implemented microservices architecture, RESTful APIs and ensured compliance with security standards.
- Used Docker Containers and Kubernetes on the runtime environment for CI/CD to test, build and deploy
- Used GIT as a version control for branching and rebase
- Used Terraform to set up infrastructure as code for repeatable and maintainable deployments.
- Utilized PostgreSQL and AuroraDB relational databases with automated backups, read replicas, and seamless integration with AWS
- Worked with software development and testing team members to design and develop robust solutions to meet client functionality, scalability, and performance requirements.
- Worked in a dynamic 100+ people environment with different expertise areas

Frontend Developer

IT-BLOCKS

📅 10/2015 - 07/2017 📍 Singapore, SG

IT Block is a leading IT support service provider for small to medium-sized enterprises and rapidly growing startups in Singapore.

- Developed a Single Page Application (SPA) by using open-source framework, which is built on React, Next.js, Redux, TypeScript, TailwindCss.
- Involved in reviewing business requirements and functional designs for an application and participated in creating wireframe.
- Worked on customizing the Bootstrap classes using CSS preprocessors like SCSS and made use of NPM task runner to compile SCSS files to CSS, Linting, compress files, and images.
- Created shared modules and components that could be shared across the application.
- Developed test cases and implemented unit tests using testing tools such as Jest, Jasmine and Karma.
- Used Git for coordinating work among developers collaboratively developing source code with speed and efficiency
- Developed 15+ websites of all sorts - shops, blogs, forums, products, portfolios and advertisement
- Participate in fast-paced development cycles; have completed 100% of deadlines ahead of schedule

INDUSTRY EXPERTISE

Web Development



Ecommerce

