LEE YI HAO

FRONT & BLOCKCHAIN DEVELOPER

CONTACT

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EDUCATION

Bachelor's degree

Singapore Management University

2012-2016

Computer Science

SKILLS

React

Angular

Vue.js

PHP / Laravel

Python, Django

C / C ++

Smart Contract

ASP.NET

LANGUAGES

English

Chinese

PROFILE

As an adept JavaScript developer with 8+ years' experience, I specialize in React Angular and Vue.js. My proficiency lies in creating innovative solutions, focusing on scalable and accessible code. Experienced in Blockchain technology, specifically Ethereum Smart Contract and Layer 2 solutions, I'm a quick learner able to adapt to unfamiliar programming environments. My approach emphasizes teamwork, collaboration, and successful outcomes.

WORK EXPERIENCE

Lead Developer

Daisugi - United Kingdom   03/2023 - Present

- Developed and launched a robust website using MERN Stack and TypeScript, demonstrating proficiency in full-stack development.
- Built proprietary nodes on both Ethereum and Binance blockchain networks for effective data analysis, demonstrating deep understanding of blockchain technology.
- Successfully deployed the website on Amazon Web Services (AWS), showcasing competency in cloud platforms and deployment protocols.
- Lead the development team in establishing an infrastructure that enables real-time data retrieval from proprietary nodes, showcasing leadership skills and understanding of real-time data processing.

Front-End & Blockchain Developer

PowerUSD, LLC - United States   02/2022 - 03/2023

- Implemented Ethereum blockchain-based smart contracts for a decentralized lending platform, integrating with the front-end (React) using web3, signifying advanced proficiency in blockchain development.
- Contributed to backend API service development using Golang, indicating versatility in backend programming languages.
- Conducted comprehensive audits of smart contracts for NFT tokens and sales on the Polygon/Matic platform, demonstrating expertise in blockchain technologies and digital asset management.

React Front-End Engineer

Golden Hippo - United States   10/2020 - 12/2021

- Executed the successful porting of the Ionic Vue.js sales funnel to React and GraphQL to enhance rapid prototyping and split testing capabilities, demonstrating proficiency in different JavaScript frameworks and libraries.
- Innovated a flex exclusion method, resulting in a tenfold increase in local development speed, showcasing the ability to improve efficiency and workflow.
- Upheld quality standards through conducting regular code reviews of contributions made to the codebase by contractors, emphasizing commitment to high-quality deliverables.

Full-Stack Developer

Coding Dojo - United States   04/2019 - 10/2020

- Collaborated in the design and implementation of a React curriculum at the home campus, playing a key role in the three-stack migration process, demonstrating teamwork and technical teaching skills.
- Optimized backend service by leveraging Golang and Python, exhibiting adaptability in utilizing different programming languages.
- Designed a CLI specific to the platform for efficient tracking of Zoom class attendance, integrated with the program's back end. This tool was eventually expanded for broader participant tracking, showcasing innovative tool development capabilities.
- Seamlessly integrated the GMail API to enable the automatic dispatch of template-based emails to students, emphasizing proficiency in third-party API integrations.

Full-Stack Developer

BotB - England   08/2016 - 02/2019

- Facilitated the company's successful migration from PHP to MERN Stack, leading to enhanced code quality, superior design, and accelerated development speed, signifying strong technical leadership.
- Implemented and integrated best programming practices such as Test-Driven Development (TDD), continuous integration, and code review, highlighting a commitment to code quality and efficient workflows.
- Developed secure ASP.NET Backend API services to fortify platform security, demonstrating proficiency in .NET framework and API development.

P R O J E C T S

https://daisugi.world (Blockchain Market Platform)

- Engineered an NFT marketplace utilizing the MERN Stack and Solidity, showcasing expertise in full-stack development and blockchain technologies.
- Contributed to the development of a Golang-based backend service for API, demonstrating proficiency in versatile backend programming languages.

https://atoplatform.com (Artist system)

- Utilized React, Google Cloud, MongoDB, and Blockchain technologies in application development, demonstrating a comprehensive skill set in modern development tools and frameworks.
- Employed Python for web scraping to gather information from websites, highlighting proficiency in data extraction techniques.

https://oxfordcars.co.uk (Taxi Service Platform)

- Orchestrated the successful migration of the platform from React to Vue, showcasing adeptness in JavaScript frameworks.
- A variety of technologies and frameworks including Vue, VueX, Bootstrap, ASP.NET, MySQL, along with the integration of Facebook API and Leaflet, demonstrating versatility and comprehensive technical skills.

https://kanon.exchange (NFT Marketplace)

- Engineered an NFT marketplace utilizing the MERN Stack and Solidity, showcasing expertise in full-stack development and blockchain technologies.
- Contributed to the development of a Golang-based backend service for API, demonstrating proficiency in versatile backend programming languages.