

VINCENT LEE

Sr Software Engineer

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🔗 <https://vincent-lee.vercel.app/>



ABOUT ME

I'm a software engineer, specialising in the unique intersection of blockchain technology, web and desktop development. With an expansive toolkit of programming languages and frameworks, I embody a holistic approach to software solutions, from top-tier front-end execution to seamless back-end processes.

A significant part of my expertise lies in the dynamic realm of blockchain technology.

I have spent years addressing the challenges and exploiting the opportunities connected with blockchain platforms, smart contracts, and decentralised applications.

These experiences have afforded me a deep understanding of blockchain principles and their transformative potential for businesses across industries.

In addition to web development - full stack - and desktop applications, I excel in software architecture, constructing the fundamental structure of a system that best solves specified requirements.

I adeptly balance trade-offs among scalability, reliability, performance, and security to generate software systems that consistently deliver.

As a project management professional, I have experience in leading cross-functional teams to success, leveraging agile and waterfall methodologies to ensure projects meet deadlines and stay within budget.

In every project, I am driven by the challenge of creating impactful, efficient, and sustainable software solutions, utilising the power of technology to drive innovation and transformation.

EDUCATION

Bachelor of Engineering (Computer Science)

[Nanyang Technological University \(NTU\)](#)

📅 2015 - 2019

- Algorithms, data structures, programming languages, computer architecture, operating systems, databases, and software engineering

EXPERIENCE

Technical Project Manager

[GreenOak Labs Ltd](#)

📅 2024 📍 United Kingdom

Green Oak Labs Ltd is a company based in Greater London, UK, specializing in AI and blockchain development technology solutions.

- Collaborate closely with cross-functional teams including engineers, data scientists, and designers to define project requirements, scope, and timelines.
- Manage the full software development lifecycle, from initial planning and prototyping to deployment and ongoing maintenance.
- Implement effective project management methodologies and tools to track progress, mitigate risks, and ensure on-time and on-budget delivery.

Core Developer

[Chatterbnb Ltd](#)

📅 2023 - 2024 📍 United Kingdom

ChatterBnb Ltd is a company that offers an AI-powered chatbot solution specifically designed for short-term rental hosts, such as those using Airbnb or similar platforms.

- Architected the full-stack infrastructure using a modern technology stack including React, LangChain, and other related frameworks and libraries.
- Collaborated closely with the product and design teams to translate business requirements into technical solutions.
- Participated in all phases of the software development lifecycle, from initial planning and prototyping to deployment and maintenance.

SmartContract, Web3 Developer

[Athenahealth](#)

📅 2020 - 2022 📍 United State

Athena Consulting is a blockchain and technology consulting company that specializes in helping businesses and startups implement blockchain solutions.

- Built 5 reusable cross-chain libraries
- Participated in the development of 3 new tools and integrated them into the platform
- Assisted in developing the backend that became the foundation for the intersection between Web3 and FinTech
- Participated in 5+ open source community projects, met with stakeholders, and mentored and tutored 3 junior developers

EXPERIENCE

Frontend Developer

Trouva

📅 2019 - 2020 📍 United Kingdom

- Initiated the front-end project set up with React, Redux, Redux-saga, and Material UI for an open-source data visualization tool.
- Offered large interactive maps with Mapbox GL to navigate to a selected region.
- Implemented chart components for data visualisation with VictoryChart and Material UI.
- Implemented a custom smooth scroll navigation with the sticky navbar.
- Rendered GeoJSON data into SVGs with a feature that allows for custom area selection, using D3.
- Implemented the Small Business Support data visualizations page and comparison page.
- Used Storybook to test all the components in isolation and document them.

SKILLS

Programming Languages

C C++ Python Javascript Typescript Rust Solidity Kotlin PHP

Frameworks and Libraries

React Angular Vue Svelte Spring Django .NET Node.js Django REST Framework

Databases

MySQL PostgreSQL Oracle SQL Server MongoDB Redis

Cloud Platforms

AWS Microsoft Azure, Google Cloud Platform Heroku DigitalOcean

Version Control Systems

Git GitHub GitLab

Testing Frameworks

JUnit TestNG Pytest Jest Selenium

Infrastructure as Code

Terraform AWS CloudFormation Azure Resource Manager

Project Management and Collaboration Tools

Jira Trello Asana Confluence Slack Microsoft Teams
