

William Hanai

Senior Full Stack Developer

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 <https://stackoverflow.com/users/22243058/william-hanai>  feenix8rising  feenix8rising

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Summary

Passion about developing innovative solutions that leverage cutting-edge technology to drive real world impact.

Hands-on experience to deliver robust applications from ideation to deployment with expertise in both back-end and front-end development.

Collaboration with like-minded individuals who are equally committed to driving the blockchain industry forward and making a meaningful difference in people's lives.

Education

Bachelor of Computer Science

Universiti Malaya

10/2014 – 06/2018 | Kuala Lumpur, Malaysia

- Computer Science
- Artificial Intelligence

Top Skills

Python

Solidity

Rust

MERN

React Native

Web3

Next.JS

AWS

C#

Laravel

Angular

Vue.JS

Go

Professional Experience

Tokenizac

Senior Full Stack Developer

05/2022 – 06/2023

- Designed and developed a proof-of-concept platform for a new decentralized energy trading system, leveraging Ethereum smart contracts and tokenization to enable secure peer-to-peer transactions between consumers and producers using Python, Rust and so on.
- Developed the Front-End and User Interface of ARWorks applications using Javascript, ES6, React, and Redux and also Ruby on Rails.
- Optimized the code of smart contracts and increased the efficiency by 15% using the Library functionalities.
- Successfully ported a legacy, on-premises application to AWS and achieved significant increase in performance.
- Developed a blockchain-based game using Unity3D and integrated it with Ethereum smart contracts to enable in-game transactions.

Moneysupermarket

Senior Full Stack Developer

01/2021 – 04/2022

- Worked on building out the MVP version of the platform including the UI using React.js, TypeScript, React Hooks, and a couple of Node.js services and integrated REST APIs on the frontend using Axios.
- Built a gift card marketplace so users can purchase gift cards with their earnings on the platform.
- Built the global state machine using Redux toolkit.

Languages

English	<div><div></div><div></div><div></div><div></div><div></div></div>
Chienese	<div><div></div><div></div><div></div><div></div><div></div></div>
Japanese	<div><div></div><div></div><div></div><div></div><div></div></div>

Honor Awards

Top 20 Developer of Company

DELIGHT TECHNOLOGIES LIMITED. Dec 2019

Most Valuable Player (MVP) (01/2020 - 12/2020)

Full Stack Development at Composable Finance

Outstanding Contribution to Blockchain Security(05/2022-12/2022)

Smart Contract Development at Tokenizac

Interests

Volunteering • Crypto • Music • Soccer
Writing • Reading books

- Owned the feature development of Marketplace and Challenges using Go and so on.
- Evaluated proposals and recommended technical solutions for migrating applications to AWS.

Composable Finance

Full Stack Developer

09/2019 – 12/2020

- Worked as a Web3 integration developer and frontend developer using React.js, TypeScript, Next.js, Web3.js, and Ethers.js.
- Worked on Defi projects to build DApp frontend and integrate blockchain and smart contracts on the frontend.
- Built blockchain indexers to listen to blockchain events and update the cloud DB accordingly.
- Configured and deployed instances on AWS, Azure environments, and data centers.
- Utilized the Model-View-Controller (MVC) pattern to structure code for a crypto game developed using Unity3D, resulting in improved code organization and development speed.

Delighteck

Full Stack Developer

07/2018 – 08/2019

- Took part in the development of an AI-driven social marketing planning platform with MERN stack.
- Joined several startups, businesses, and development teams and contributed to their products in Vue.js and Laravel.
- Migrated a bunch of legacy applications to modern interactive applications using React.js, Redux, React Hooks and Angular
- Developed and implemented flagship eCommerce platform using Ruby on Rails and MongoDB.
- Developed a few mobile applications with hybrid frameworks like React Native and Ionic.
- Developed and maintained Java-based web applications using Spring Framework, resulting in a 20% increase in user engagement.
- Automated vulnerability management patching and CI/CD using Chef and other tools like GitLab, Jenkins, and AWS/Open Stack.