

Min Jae Lee | MJ |

| Address

East Brisbane, Queensland, Australia.
(More information suppliable upon contact).

| Contact

+61 4574 0674 6 mjkid221@gmail.com

| LinkedIn

<https://www.linkedin.com/in/minjae-mj-lee-23695918b/>

| GitHub

<https://github.com/mjkid221>

PROFESSIONAL EXPERIENCE (2-3+ Years)

2022-04 – Full Stack Software Engineer, Maintainer of [MevWatch](#) on Ethereum for OFAC Censorship.

Current [Labrys](#) | Blockchain Development and Engineering Agency.

(Australia, QLD) | **Led** the development of comprehensive financial products, oversaw the full-stack engineering process from MVPs to full-scale production. Utilised **Next.js**, **React.js**, **React Native** in conjunction with **TypeScript** and primarily **NoSQL** databases, and leveraged **AWS** for robust, scalable solutions. Designed **RESTful** services and **SDKs** for clients. | **Spearheaded** the scoping work and development of various **Solana** based projects such as payment services and Liquid Bootstrap Pools with **Anchor** framework. | **Architected** and deployed smart contracts on various **EVM** networks, integrating with protocols such as **Chainlink**, **Uniswap V3**, **Balancer**, **Ox**, **Snapshot**, **Gnosis Safes**, using industry standard libraries such as **OpenZeppelin**, **Solmate**, **Solady**, **PRBMath**, **ABDKMath**. | **Collaborated** with blockchain auditing firms such as **Certik**, **Chainsulting**, **Slowmist** and **Hacklock** to conduct comprehensive unit and integration testing for smart contracts. | **Managed** fast-paced **Agile** teams, prioritising efficient development cycles through Jira and effective communications with international clients, as well as various scoping work for top-tier gaming enterprises and high-value DeFi initiatives.

2021-01 – Freelance Software Engineer (Contractor, Full Stack)

2022-02 | **Developed** and maintained full-stack applications and backends (PHP + SQL)

PROJECT WORK & CONTRIBUTIONS

Swell Network – ETH | **Engineered** Swell Vaults (**ERC-4626**), integrating UniV3, Izumi, Balancer, and Aura Liquid Staking Finance protocols [\[GitHub\]](#). Played a key role in architecting and reviewing the Swell Liquid Staking contract (with BLS signatures), managing nearly \$700M in TVL.

Fjord Foundry – LBP | **Architected** Liquidity Bootstrap Pool (LBP) for Fjord Foundry in Solana's **Anchor**, with weighted linear interpolation and **Merkle** trees. Developed/maintained their **SDK**.

Shrapnel – AAA | **Developed** **ERC-998** based, composable game item contracts used to represent in-Extraction Shooter. game items. Integrated with **Layer Zero's** ONFT standard and **OxSplit** for effective, low-cost royalty management. Launched their primary NFT collection on **Avalanche**.

EarthFund – Global | **Designed** a DAO deployment factory with multiple foundational smart contracts Crowdfunding [\(Governor.sol\)](#), [ClearingHouse.sol](#), [DonationsRouter.sol](#), [StakingRewards.sol](#)) integrated DAO platform with Gnosis Safe, Zodiac Module and Snapshot.

Solana Name | **Contributed** to building the SNS Manager **xNFT** application, in collaboration with the **Service Manager** **Solana Name Service** team (**Bonfida**). [\[GitHub\]](#)

[West57th](#) - | **Led** the development of **West57th**, a first of its kind **payments** app on the Solana MasterCard network that allows \$SOL to be used at merchants through the West57th **Mastercard**. Payments App **Winner** of the **2023 Grizzlython Hackathon** Payments Track. Launched in Australia.

IMPT – Carbon | **Implemented** a marketplace for tokenised carbon credits, requiring an Credits Platform authorisation signature scheme signed by a KMS signer via AWS. Built with Thallo.

PERSONAL PROJECTS

GIX - Exchange | **Built** an open-order book style exchange using Solidity and React.js with Redux, featuring **TradingView** integration for ERC-20 token trading. [\[GitHub\]](#)

SNS & ENS | **Collaborated** with **Bonfida** on a SNS + ENS (domain name) web domain resolver for Resolver wallet-level resolutions for the **Backpack** wallet. [\[GitHub\]](#)

PORTFOLIO & LINKS

<https://mjlee.eth.limo/>

<https://twitter.com/mjlee221>

EDUCATION

Bachelor of Computer Science (Cyber Security)

University of Queensland

LANGUAGES (Proficient)

Python | Java | C | SQL | JavaScript | TypeScript | Solidity | Rust

FRAMEWORKS

ReactJS/Native | NextJS | Anchor | Hardhat | Foundry

DATABASES

MySQL | NoSQL | MongoDB

TOOLS

Bash | Git | AWS | GCP | Docker | Tenderly | Vercel

UI

Chakra UI | Tailwind CSS

INTERESTS

| *Distributed systems*
Research & Writeups
| *Personal* [Blockchain Talks](#)
| *Light Clients and DAS*