SOFTWARE DEVELOPER

PRESTON HARRISON

PROFILE

I am a full stack software engineer with an interest and aptitude for web technologies and blockchain applications. I am proficient with Rust, Javascript, React, and Solidity.

EXPERIENCE

WEB / BLOCKCHAIN DEVELOPER; DLTX; BRISBANE, AUSTRALIA – 2021-2022

DLTx is a software development agency. During my time at DLTx, I have been responsible for building several blockchain based web applications, and the smart contracts that back them. The development process included extensive end-to-end and unit testing. My role includes frequent direct engagement with external clients, during which I have obtained skills in creating and maintaining client relationships.

TECHNICAL CONSULTANT; RAMMP; BRISBANE, AUSTRALIA – 6 MONTH CONTRACT

Rammp is a software company that generates website performance reports based on Google Analytics. I was engaged to work with the development team and company founders to re-write and re-deploy their .NET server, deployed on Azure, to a containerised Node JS server deployed using EC2 on Amazon Web Services (AWS).

FREELANCE WEB DEVELOPER; REMOTE – 2020-2021

As a freelance web developer, I have worked on a number of projects for various clients. My experience mainly revolved around designing websites and lightweight backend servers & databases.

PROJECTS

DECENTRALISED FINANCE PLATFORM (HANDLE FINANCE)

Handle Finance is a global decentralised foreign exchange (fx) protocol. I built functionality that allows users to trade perpetual futures with fx cryptocurrencies, as well as enabling conversion between these currencies. My open source contributions to the project are concentrated in the Handle Finance software development kit, and cryptocurrency conversion routing software.

JAVASCRIPT LIBRARY (SIGNATURE VALIDATOR)

Signature Validator is a lightweight public Node Package Manager (NPM) package that I wrote to verify data on the blockchain. It works by signing the data with an Ethereum address, and verifying the identity of the signer on the blockchain.

EDUCATION

University of Queensland – Bachelors of Computer Science, 2021-2025

SKILLS

- Rust
- Javascript / Typescript / Node JS
- Ethereum / Blockchain Technology
- End-to-end / Unit Testing
- Git (Github)
- Python
- CI/CD
- Client Management
- Agile / Scrum Project Management Framework