

Luke Shirley *Full-Stack Web3 Developer*

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📍 TX, United States

Profile

Enthusiastic and cooperative Full Stack Developer, started with web in 2018 and started exploring Blockchain development in 2019 and have been developing on EVM, Polygon, Solana chains. Love working on projects involving web3 and I've proven that I'm great at learning new things quickly through my background as a full-stack web developer in several companies. I am familiar with React.js, Vue.js, Node.js and C# and designed and integrated critical core smart contract functionality for staking minting, bonding in DeFi protocol. I always share my thoughts and ideas freely while also listening and being supportive in obtaining, sharing, and responding to feedback to improve your products providing top-tier support. I eagerly anticipate embracing new challenges and playing an instrumental role in the continues success of groundbreaking projects.

Professional Experience

Full Stack Web3 Developer

05/2023 – 12/2023 | Remote, Australia

Syntheticx

Full-Stack Developer

- Developed a website utilizing **React.js**, **TailwindCSS**, and **Laravel** to help user share and host the files in minutes.
- Optimized and created system components using **React.js** to improve speed by 10%.
- Constructed a **NFT** minting website using **MERN** stack on **Neoxa off-chain Network**.
- Combined the **Redux** in **Next.js** and added the new functionalities in website such as tags components, uploading to cloud services, Payment gateway, and Live chat.

Web3 Developer

- Designed and implemented core **smart contract** functionality for staking and bonding in **DeFi** protocol.
- Connected several wallets with frontend and maintained **DApps** that interact with blockchain networks.
- Writing, testing, and deploying **smart contracts**, ensuring they are secure, optimized, and free of vulnerabilities.
- Constructed an **NFT marketplace** platform that facilitates the linkage of game components and digital arts on Ethereum, Polygon and Binance Smart Chain using **ERC-721** and **ERC-1155**.

Backend | Web3 Developer

10/2021 – 12/2022 | Remote, Singapore

Atlas DEX

Backend Developer

- Developed a **RESTful API** using **Node.js** and **Express**, integrated with a **MongoDB**, resulting in a 10% increase in data processing speed.
- Updated and maintained high-performance backend systems using **Node.js**, **Express.js**, resulting in a 10% increase in website traffic and conversion rates.
- Collaborated with the front-end team to develop a **search filter feature** that improved the user experience by 30%.

Web3 Developer

- Architected and deployed a suite of **smart contracts** for a leading DApp on **Ethereum**, which secured over \$200 thousands in digital assets within the first months post-launch.
- Integrating **smart contracts** with front-end interfaces using Web3 libraries such as **web3.js** or **ethers.js**.

- Collaborated with UX/UI designers to develop user-friendly interfaces for Blockchain applications using **React.js**, **TailwindCSS**.

Blockchain Developer

08/2020 – 09/2021 | Remote, Ukraine

Zpoken

- Conducted extensive and multi-level **Neon** network testing for the performance of solidity and viper contracts by deploying several well-known **Ethereum DApps** (like Curve, MakerDAO, Compound etc).
- Worked closely with the core team to craft an experience that would be intuitive for new users yet powerful enough to leverage the full functionality of the underlying product.
- Built full-stack centralized client-server application of primary and secondary marketplace, implement a system for deposit-transfer-withdrawal proprietary **ERC-20** token from the chain and released **NFT minting** contracts on Aurora.
- Developed condition-based contracts using **Solidity** and deploying **Smart Contracts** in Testrpc.
- Deployed smart contracts in different environments using **truffle**, **Hardhat** and involved in integrating **Ethereum** blockchain with **Metamask** browser.

Web Developer | Intern

11/2018 – 06/2020 | Tokyo, Japan

Moon Creative Lab 

- Developed and maintained multiple web properties using a combination of **HTML/CSS**, **JavaScript**, and **React.js** with the goal of enhancing user interface and experience.
- Created **HTML elements** like table element, head element, tag element and button element to build website layout.
- Used **Bootstrap CSS Framework** to modify **React Components** handled error information displaying while React App doesn't receive required data with conditional rendering in App.
- Implemented **React-Thunk** middleware to handle asynchronous problems and store data received from back-end to **React-Redux** to make it easier to call them from any components.
- Dealt with **Express routers** to receive required URLs and used query parameters to deliver required index and data, also used **JSON** to send data and got body-parser data in back-end.

Education

Bachelor of Computer Science

04/2014 – 10/2018 | Tokyo, Japan

University of Tokyo

Skills

HTML/CSS • React/Redux • TypeScript • Vue.js • Node.js • Web3.js • Laravel

Blockchain • Ethereum • DApp development • Solidity • Smart Contract

NFT Marketplace • Off-chain Network • MongoDB • MySQL • Ruby on rails

Strengths and Expertise

Project Management

Client Relationship Management

Detail-Oriented

Good Team Player

Creative Thinker

Hard Working

Problem-Solving Skill

Self-Starter