Jamie Anderson

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Summary

I currently have over a year's working experience in React.js/Next.js, using the latest versions of React 18 and Next 13. I'm proficient in Javascript/Typescript, having 3+ years in Javascript and 1+ years in Typescript. Including also HTML, CSS and GraphQL.

In my previous role, my main duties as a software engineer were to develop user interfaces for a digital music marketplace utilising the Polygon blockchain, using all best practices to write clean and readable code. This also included unit testing using React testing library and Playwright for testing the UI. My greatest experience in this role was being able to work with UI/UX designers using Figma. Then developing, building and eventually displaying their amazing work on the website.

My ultimate passion is for Web3 and first discovered Blockchain in 2018, becoming hooked ever since. Since then, I have participated in courses and tutorials to build up my knowledge in especially Ethereum and Solidity. I have certifications as a Ethereum Expert and Smart Contract Developer, continually updating my knowledge to keep up with this for ever changing and exciting space.

I have been developing DApps (Decentralised Applications) on the Ethereum Sepolia test network, using React or NextJS as the frontend. For developing, testing and deploying smart contracts I have used Hardhat and Foundry. Foundry now being my favourite for creating smart contracts.

These DApps can be viewed via checking out my portfolio website

Other links:
Portfolio website: https://www.cryptnology.dev
Github: https://github.com/cryptnology

Experience

Software Engineer
Serenade

Dec 2021 - Mar 2023 (1 year 4 months)
Serenade is a Web3 company selling digital music to fans via their favourite artists using blockchain technology.

In this role my main duties were maintenance and development of user interfaces in a Next.js application using TypeScript. This application was maintained in a monorepo using Git and GitHub for version control and collaboration between different engineering teams. I had some exposure to the backend where I had to understand how we were populating the PostGres database using Apollo Client and getting that data using GraphQL. I worked using an agile system with Jira where tickets would be allocated and then worked on in a 2 week cycle. Also using Confluence to document and calibrate with other teams in the company.

In the first half of my employment I was tasked to build the main website, including creating new pages using the Next.js file based routing system and adding or developing user interfaces. I developed these interfaces and pages according to Figma designs developed by the design team and collaborated with them closely. This also included working with GraphQL to pull in the data required to populate pages or components using SSR or SSG.

In the last half I was part of developing a self service feature that would allow artists to upload music content unassisted. This included developing custom forms, validation using Formik, pages and user interfaces. All components had to have unit tests using the React Testing Library and E2E UI tests using Playwright. This feature was fully developed and released to the public.

Education

University of Technology Sydney
Bachelor of Science in Information Technology, Networking and Cybersecurity
Mar 2019 - Nov 2021

Licenses & Certifications

React 18 for Beginners - Code With Mosh
cert_nhyOv8fs

The Ultimate Javascript Mastery Series - Part 1 - Code With Mosh
cert_1g1scxy2

The Ultimate Javascript Mastery Series - Part 2 - Code With Mosh
cert_3383z115

Certified Ethereum Expert - Blockchain Council
78312413

Certified Smart Contract Developer - Blockchain Council
78315040

The Blockchain Bootcamp 2.0 - Teachable
cert_tqb6s2n1

The Ultimate TypeScript Course - Code With Mosh
cert_kn38kz2x

Skills

Object-Oriented Programming (OOP) • Software Development • Web Development • Java • Databases
• GraphQL • Unit Testing • TypeORM • PostgreSQL • Blockchain