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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 the main website, 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.

One of my main passions other than golf (which I'm not good at) is Web3.

I first discovered Blockchain in 2018 and have become hooked ever since. Since then, I have participated in courses and tutorials to build my knowledge in especially Ethereum and Solidity. I conducted this passion while studying and completing my Bachelor Degree of Science in Information Technology.

To solidify my skills and put them into practice, I have started small projects of my own. These projects include a Decentralised Token Exchange and an NFT marketplace where you create, buy and sell NFTs.

I have been developing DApps (Decentralised Applications) on the Ethereum Goerli test network, using React and NextJS. This hands-on approach has given me good knowledge of Ethereum, Solidity and all the tools required to connect to a blockchain.

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.



Warehouse Manager

Rankworth Enterprises

Nov 2010 - Nov 2018 (8 years 1 month)

Education



University of Technology Sydney

Bachelor of Science in Information Technology, Networking and Cybersecurity

Mar 2019 - Nov 2021

Licenses & Certifications



Blockchain Developer Bootcamp - Teachable

cert_xgwgr703



Ethereum and Solidity: The Complete Developer's Guide - Udemy

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Mastering React - Code With Mosh

cert_6r4wpckn



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

cert_1g1scxy2



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

cert_3383z115

Skills

GraphQL • Unit Testing • TypeORM • PostgreSQL • Blockchain • TypeScript • Tailwind CSS • JavaScript • Ethereum • Solidity