Bruce Wang

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PROFESSIONAL PROFILE

Front-end developer with passion in building responsive and reusable web applications with modern UX/UI design. I can be relied upon to help your company by providing sustainable and salable code in an assortment of web stacks including latest blockchain technology.

WORK EXPERIENCE

Front End Web Developer Intern (Live | Github)   Nov. 2021 – Present
Prepr Lab F.U.N (Flexible Upskilling Network) Program

- Working in an agile environment with designers and developers to deliver an application called "Child-Connect" which help connect children parents and child care providers. Developing components and pages using Typescript and Next.js, and writing unit test to validate code performance.

Tech Stack: Next.js, React, TailwindCSS,Typescript, Vercel, Git, Jira

PROJECT EXPERIENCE

MatrixDAO (Live | Github)
Tech Stack: React, React Hooks, Thirdweb.js, Ethers.js, Hardhat

- Built and deployed a decentralized autonomous organization (DAO) web3 application which user can login with their metamask wallet, mint their membership NFT, and receive airdropped governance token (MTX) which user can use this token to vote for proposals to utilize their treasury.
- Integrated with thirdweb.js, Ethers.js, and deployed ERC-20 contracts to Ethereum Rinkeby Test Network. Created ERC-1155 NFT on IPFS network.

Disney+ Clone (Live | Github)
Tech Stack: Next.js, Tailwindcss, Firebase, Redux, REST API, Vercel

- Built a pixel-perfect Disney+ Clone application using Next JS with Tailwindcss and deployed on Vercel.
- Integrated with TMDB API, Google account Sign-in API, Firebase to authenticate users' sign in with their Google account. Fetched latest popular movies and shows data. Users can also check every movies or shows' info and trailer.

Blog App (Live | Github)
Tech Stack: React, Material-UI, Redux, Recat Hooks, React Router, Express, MongoDB, Node JS, Axios

- Created a MERN stack fullstack blog web app that user can sign up, log in, post, edit, delete, like a blog
- Used React, Redux on the front end, the data from the front end will then be sent to the backend to be storedin the MongoDB database.

TECHNICAL QUALIFICATIONS

- **Languages:** JavaScript ES6, TypeScript, HTML, CSS, CSS Preprocessors (SASS), SQL
- **Library/Framework:** React, Redux, Next.js, Node.js, Express, Tailwindcss, Material-UI, Bootstrap, Thirdweb, Ethers.js, Solidity, Hardhat
- **Database management Systems:** MongoDB, MySQL
- **Web services:** REST API, JSON, AJAX, Axios
- **Technologies/Tools:** Firebase, Netlify, Heroku, Husky, Apache Cordova, GIT, Github, NPM, Webpack

EDUCATION & CERTIFICATES

Flexible Upskilling Network (F.U.N) Program   Nov. 2021 – Dec.2021
Prepr

The Complete 2021 Web Development Bootcamp   2021
Udemy

Master of Engineering, GPA 9.1/10   2018
University Ottawa