



Michael Wong

Senior FullStack Developer

Senior Fullstack Developer with 5 years of experience in innovating responsive and immersive web applications. Proven expertise in developing UI/UX for DeFi platforms and NFT marketplaces with a TVL of over \$6 million USD using React, TailwindCss and Typescript. Demonstrated ability to translate complex designs into efficient, high-quality code and successfully integrate microservices, delivering scalable solutions that serve a total of 3 million concurrent users worldwide. Aiming to leverage and expand my full-stack and Web3 expertise to drive innovation in blockchain and AI-powered applications.

Contact

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Other Links

LinkedIn

<https://www.linkedin.com/in/michael-wong-4ba482167/>

Portfolio Site

michaelwong97.xyz

Expertise

- ReactJS
- TypeScript
- TailwindCss
- Node JS
- Firebase
- Solidity

Language

English

Japanese

Experience

January 2023 - September 2024

Pinjam Labs - Kuala Lumpur, Malaysia (Remote)

Senior Frontend Developer

- Assisted the team lead in designing and implementing the frontend data architecture, improving data flow efficiency.
- Mentored junior developers and performed peer-to-peer code reviews, enhancing code quality, resulting in improved code consistency and maintainability.
- Produced reusable code templates to reduce development time and improve maintainability.
- Built a Node package with a shared theme and components for multiple React projects in a mono-repo, improving design consistency and speeding up development.
- Developed internal & external projects that has a total combined value of over \$4.5 million USD using Next.js, TypeScript, and Tailwind CSS, creating robust, user-friendly interfaces that drove significant improvements in application performance and design consistency.
- Integrated Web 3 libraries for Web 3 capabilities such as Ethers, Viem, Wagmi, Moralis and IPFS.
- Implemented end-to-end testing with Cypress, designing and executing test suites that ensured high application reliability and consistent performance across various scenarios.
- Setting up CI/CD pipelines with Jenkins & Github Actions to automate build and deployment process, reducing manual process and improving efficiency.

April 2021 - December 2022

xWin Technologies Finance - Chiba, Japan (Remote)

Senior Fullstack Developer

- Refactored legacy code using React 18, SCSS and Material UI 5, modernizing the codebase and improving performance and maintainability.
- Developed a trading strategy using Solidity that greatly improved investors' returns by 5% per year in BNB and Arbitrum network.
- Build CRUD REST APIs with Nest.JS & MongoDB to reduce company & operation costs by facilitating efficient off-chain data analysis and aggregation.
- Build smart contracts on BNB Smart Chain and Ethereum for managing investors' crypto assets worth over \$4 million USD.
- Wrote automated tests using Jest.js and Hardhat, achieving a minimum of 80% code coverage and ensuring code reliability.
- Integrated Web3 technologies into the application using Wagmi, WalletConnect, Viem and Ethers.js, enhancing user authentication and transaction capabilities

February 2020 - March 2021

Callab.Me - Mainz, Germany (Remote)

Frontend Developer

- Developed multiple Vue applications such as Video Conference, E-Commerce, CRM, Job Portals, and Food Delivery Web App using Sass and Vue, enhancing user engagement and functionality.
- Integrated Web Socket into web conference applications for interactive real-time communications.
- Integrated microservices using Node JS, improving system efficiency and scalability
- Translated designs and wireframes from Figma into high quality and reusable code, enhancing consistency and efficiency in development.
- Implemented responsive user interface components, significantly enhancing user experience and boosting engagement.
- Maintained client applications and added new features upon request, ensuring continuous improvement and client satisfaction.