Michael Wong
Senior FullStack Developer

Senior Full-Stack Developer with 6 years of experience building scalable web applications and DeFi protocols that serve millions of users globally. Led development of blockchain platforms managing $6M+ TVL and delivered $4.5M+ in production projects using React, TypeScript, NestJS, and Solidity. Proven track record architecting microservices, optimizing data flows, and mentoring engineering teams to ship high-quality code faster. Passionate about bridging Web2 and Web3, turning complex technical requirements into elegant, user-friendly solutions.

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
- Hardhat
- Solidity

Language

English

Experience

January 2023 - May 2025
Pinjam Labs - (DeFi Protocol) - Kuala Lumpur, Malaysia (Remote)
Senior Fullstack Developer

- Architected frontend and backend data architecture using React, NestJS, and PostgreSQL, reducing API response time by 35% and improving data flow efficiency across core DeFi functionalities.
- Mentored junior developers and performed peer-to-peer code reviews, enhancing code quality, resulting in improved code consistency and maintainability.
- Built reusable React component library and NestJS API modules, cutting feature development time by 40% and standardizing codebase across 3 microservices.
- Built internal and external projects worth $4.5M+ using Next.js, TypeScript, and Tailwind CSS, delivering performant, user-friendly interfaces with consistent design.
- Developed and deployed Solidity smart contracts for DeFi lending protocol on Ethereum and Kava Network, managing $6M+ TVL with zero security incidents through rigorous testing and third-party audits.
- Designed and implemented end-to-end testing suite with Cypress, achieving 90%+ test coverage and catching critical bugs before production deployment.
- Configured CI/CD pipelines using Jenkins and GitHub Actions, automating build and deployment processes and reducing release time from 2 hours to 15 minutes.

April 2021 - December 2022
Binance - (CEX) - South East Asia (Remote)
Smart Contract Developer

- Developed and deployed Solidity smart contracts for Binance Earn and Staking products on Binance Smart Chain, managing $500M+ TVL across multiple staking pools.
- Built automated reward distribution and auto-compounding mechanisms for staking strategies, processing millions of transactions daily for 2M+ active users.
- Optimized smart contract gas efficiency for high-frequency staking operations, reducing transaction costs by 30% and improving user profitability.
- Collaborated with security team to conduct internal audits and implement best practices, ensuring zero critical vulnerabilities across all deployed contracts.
- Integrated Chainlink price oracles and on-chain data feeds to enable dynamic APY calculations and real-time staking rewards.
- Implemented comprehensive testing suite using Hardhat and Mocha, achieving 95%+ code coverage on all smart contracts with unit, integration, and edge-case scenario tests to ensure contract reliability under high-load conditions.

February 2020 - March 2021
Callab.Me - (Video Conference) - Mainz, Germany (Remote)
Frontend Developer

- Built 5+ production Vue.js applications (video conferencing, e-commerce, CRM, job portals) using Sass, serving 50,000+ active users across multiple clients.
- Integrated WebSocket real-time communication into video conferencing platform, enabling live chat, screen sharing, and collaborative features for remote teams.
- Integrated microservices architecture using Node.js, improving system scalability and reducing server response time by 25%.
- 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.