

MICHAEL LIN

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Mailing Address
San Francisco, CA 94133

Dynamic and creative Blockchain engineer with over 5 years of experience in producing robust code for large-scale Blockchain products. Eager to build stable and user-oriented crypto products, and contribute to next generation of Web3.

EDUCATION

BS Nanyang Technological University, Computer Science May 2014
Minored in Mathematics

WORK EXPERIENCE

Marble Dao, Remote Apr 2022 to Oct 2022

Position: Senior Smart Contract and Full Stack Developer

- Developed smart contracts for Dex, Staking, NFT Market Place with Cosmwasm
- Worked with Design team to create user-friendly UI and convenient UX, created Single Page Application with Next.js
- Developed RESTful API with Node.js and Express.js to provide statistics and analytics for NFT marketplace
- Used Jasmine and Jest to test component functionality and used Postman to test APIs
- Led a development team of 4 senior developers
- Participated in Agile methodology for application development and used JIRA as project management tool

XSurge, Remote Nov 2021 to Mar 2022

Position: Lead Developer

- Designed price-never-falling token with stable coin backing algorithm
- Developed algorithmic token contract with Solidity
- Wrote Flashloan provider contract and token-wise dex contracts
- Designed and developed AAAS(Arbitrage as a service) to sustain pools and get profit as a LP Provider
- Developed SPA for homepage and DApp pages with React, and RESTful APIs with Node.js and MongoDB
- Used Slack for team communication and used Git as a version control tool
- Involved in Unit, System, Integration, Regression and E2E testing.

Pinksale Finance, Remote Jan 2021 to Oct 2022

Position: Lead Developer

- Built architecture for reliable Launchpad for EVM chains, and new token starters.
- Wrote contracts for various initial offerings, according to industry traditions and clients' requests

- Built APIs for KYC service for token creators and presale buyers
- Opened audit section for presale token contracts, Audited 50+ ICO token contracts.
- Developed convenient and responsive User Interface, supported with good User Experience
- Coordinated with the QA team to ensure the quality of the application
- Worked in close collaboration and partnership with 50+ startups and provided professional advice for project growth
- Participated in 300+ code reviews to ensure code quality and built great mentorship with senior developers

House of Yards, Remote

Jun 2018 to Nov 2020

Position: Senior Fullstack Developer

- Participated in business specs confirmation for Landscaping service application
- Developed APIs for SAAS app with Python, Django and Used PostgreSQL for Database management
- Implemented Gift and Referral program as fascinating functionalities to encourage more and more users to participate
- Integrated Google Map and scheduling service for good user-ordering experience
- Integrated Stripe Payment Service for good user-payment experience
- Developed Admin managing dashboard to monitor whole service system, and provided statistical and analytical information for better business decision
- Performed several round of UAT for each version launching and put great focus on comprehensive beta testing

Authentic Studio, Hong Kong

Jun 2014 to Jan 2018

Position: Senior Frontend Developer

- Developed 10+ E-Commerce sites with Javascript and its frameworks
- Worked closely with Business Analysts in understanding the technical requirements of each project and prepared the use cases for different functionalities and designs
- Worked in close collaboration with internal and external 20+ customers and 10+ teams to develop strategies that address product content and overall user experience designs
- Designed, built, and automated data flows to save 10+ hours of tedious work per week
- Consulted in the redesign of a company's website, resulting in a 35% increase in traffic

LANGUAGES

Chinese: Native Language

English: Advanced

SKILLS

Full Stack Development

HTML5 (8 years)
CSS (8 years)
Javascript (8 years)
Typescript (6 years)
Python (6 years)
GoLang (4 years)
ReactJs (6 years)
VueJs (5 years)

Next.js (4 years)
Nuxt.js (4 years)
TailwindCSS (4 years)
Node.js (6 years)
Express.js (5 years)
Django (5 years)
Flask (5 years)

MySQL (7 years)
PostgreSQL (5 years)
Oracle (6 years)
SQLite (6 years)
MongoDB (6 years)

AWS (7 years)
Microsoft Azure (5 years)
Docker (6 years)
Kubernetes (5 years)
Agile Methodology (6 years)

Blockchain Development

Solidity (4 years)
Vyper (2 years)
Rust (3 years)
Cosmwasm (2 years)
Cosmos SDK (2 years)
Near-SDK-RS (1 year)