

Tony Chan

Passionate Full Stack Developer

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Summary

Highly skilled and motivated Full Stack Developer with a strong background in web technology and web applications. Proficient in E-commerce platform, JavaScript, Node and various web3 frameworks including React. Also experienced in developing smart contracts, decentralized finance (DeFi) applications, and integrating blockchain solutions into existing systems. Strong problem-solving and communication skills, with a passion for creating innovative and secure decentralized applications.

Technical Skills

- ❖ Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript, Python, Rust, Solidity
- ❖ Front-end Development: React, Vue.js, jQuery, Three.js
- ❖ Back-end Development: Node.js, Express.js, Django
- ❖ Databases: MongoDB, MySQL, PostgreSQL
- ❖ Ecommerce Platforms: Shopify, WooCommerce, Magento
- ❖ Payment Gateways: PayPal, Stripe, Authorize.Net, CoinGate
- ❖ Version Control: Git, GitHub
- ❖ Blockchain Development: Solidity, Ethereum, Web3.js, Truffle, Ganache, Remix
- ❖ Smart Contract Development: ERC20, ERC721, ERC1155
- ❖ Decentralized Finance (DeFi): Uniswap, Compound, MakerDAO
- ❖ Testing and Debugging: Mocha, Chai, Ganache-cli, Truffle test

Experience

Frontend Developer, Infinity Technology (Full-time, Onsite)

Nov 2016 – Mar 2017

- Developed and maintained user interfaces for web applications using HTML, CSS, and JavaScript.
- Collaborated with backend developers to integrate frontend code with server-side logic.

- Implemented responsive design principles to ensure optimal user experience across various devices.
- Utilized React.js to build interactive and dynamic user interfaces.

E-Commerce Developer, Upwork (Freelancer, Remote)

May 2017 - Nov 2022

- Spearheaded the successful migration of a legacy e-commerce platform to Shopify, resulting in a 30% increase in website performance and a 20% boost in conversion rates.
- Implemented advanced product recommendation algorithms, leading to a 15% increase in average order value.
- Developed and launched a custom subscription box feature on WooCommerce, contributing to a 25% growth in recurring revenue.
- Integrated subscription-based services into a WordPress/WooCommerce site, enabling recurring payments and automated order processing.
- Customized the Shopify theme to match the brand identity, implemented advanced product filtering, and optimized the checkout process.
- Architected and developed a bespoke order fulfillment system, reducing processing time by 40% and minimizing errors in order fulfillment.

Web3 Developer, Chillbear Club (Contract, Remote)

Jan 2023 - Sep 2023

- Assisted in the development of a blockchain-based supply chain management system using Hyperledger Fabric.
- Implemented smart contracts and chaincode for asset tracking and verification.
- Conducted unit testing and debugging to ensure the reliability and functionality of the system.
- Collaborated with the team to design and implement a user-friendly front-end interface for the application.

Education

Bachelor of Science in Computer Science, Hong Kong University of Science and Technology

Apr 2010 - May 2015