

### SUMMARY

Results-driven Software Engineer with 7+ years of experience in Web3 and Web2 with developing and optimizing decentralized applications and smart contracts. Proficient in JavaScript, TypeScript, Python, Solidity, Rust, Vyper, C++, Golang, Web3, and Cosmos, React, Node.js/Express, Django/Flask with a proven track record of achieving impactful results in high-stakes environments. Adept at translating complex requirements into scalable solutions and delivering innovative blockchain technology solutions. Seeking to leverage expertise to drive forward-thinking projects and contribute to cutting-edge developments.

### EXPERIENCE

#### Lead Developer

##### XFAI - Grand Cayman, Cayman Islands

OCT 2023 – AUG 2024

- **Achievement:** Led the development of a high-profile DeFi protocol on Ethereum, increasing transaction throughput by 40% and reducing gas costs by 25%.
- Designed and optimized smart contracts for Ethereum and Solana, ensuring efficient execution and security.
- Implemented advanced Web3 integrations, improving user experience and interaction with blockchain networks.
- Developed a Cosmos-based cross-chain communication module, enabling interoperability between Ethereum and Cosmos blockchains.
- Mentored junior developers and conducted workshops on best practices in blockchain development.

*Technologies: Solana, Rust, Web3.js, Supabase, Golang, React/Next.js, Typescript, Node.js/Express.js, Elasticsearch, SEO, GraphQL, JEST/Cypress, Payment (PayPal/Stripe), CI/CD, AWS/GCP/Azure, Git, Algorithms*

#### Blockchain Developer

##### Bounce Finance - San Francisco, United States

MAY 2022 – SEP 2023

- **Achievement:** Developed and launched a successful NFT marketplace on Solana, which achieved a user base of 50,000 within the first three months.
- Engineered smart contracts and decentralized applications, focusing on scalability and security.
- Conducted performance tuning and security audits of smart contracts, resulting in a 30% reduction in vulnerabilities.
- Collaborated with the product team to integrate Web3 functionalities into user-facing applications, enhancing overall application performance.

*Technologies: Solidity, Web3.js, Vyper, Web3.py, React/Next.js, Typescript, Django/REST framework, Elasticsearch, SEO, GraphQL, JEST/Cypress, Payment (PayPal/Stripe), CI/CD, AWS/GCP/Azure, Git, Algorithms, Supabase, Webflow*

#### Full Stack Developer

##### Ecotrak Facility Management Software – California, United States

JUL 2020 – MAR 2022

- Crafted visually stunning user interfaces by building custom UI libraries and tailored components using styled-components, automating the test cases which minimized the amount of time spent for test regression by 30%
- Enhanced financial controls to improve the clinical, operational and financial performance of health organizations, shrinking the time spent for finance by 20%
- Developed multiple web applications using Angular, resulting in a 20% increase in user adoption and a 15% reduction in support requests.
- Worked closely with the QA team to identify and resolve bugs, improving overall application stability by 25%.
- Implemented automated testing using Cypress, reducing testing time by 40%.
- Used Elasticsearch to create a custom search engine for a large e-commerce website, which improved the user experience and resulted in a 15% increase in conversion rates

*Technologies: React/Next.js, Angular, Typescript, Fast API, Node.js/Express.js, Elasticsearch, SEO, GraphQL, JEST/Cypress, Payment (PayPal/Stripe), CI/CD, AWS/GCP/Azure, Git, Algorithms, Firebase*

#### SOFTWARE ENGINEER | ALLBIRDS

JAN 2018 – JUN 2020

- Built a B2B/B2C system for individual customers and businesses to make transactions, enhancing user experience and productivity by 30%.
- Successfully implemented key functionalities such as Workflow and Timeline, and Team chat on channels, enhancing the overall user experience and productivity by 30%
- Delivered visually appealing and mobile-responsive pages that drove a 25% increase in customer engagement
- Constructed an onboarding website that ensured secure and safe transactions for customers, resulting in a 20% reduction in customer complaints

*Technologies: React, Vue.js, Node.js/Express.js, Socket.io, Elasticsearch, SEO, Django/REST Framework, React DnD, MongoDB, AWS*

# EDUCATION

Bachelor's Degree in Computer Science  
The University of Hong Kong  
JUL 2017

# TECHNICAL SKILLS

- **Blockchain Platforms:** Ethereum (Solidity, Vyper, Golang), Solana(Rust), Cosmos(Cosmos SDK), EOS(C++)
- **Smart Contract Development:** Solidity, Rust
- **Web3 Technologies:** Web3.js, ethers.js
- **Blockchain Protocols:** Consensus algorithms, Tokenomics
- **Development Tools:** Truffle, Hardhat, Anchor
- **Web2 Technologies:** MERN, Django/REST Framework, Webflow, Firebase, Supabase
- **Version Control:** Git, GitHub, GitLab
- **Databases:** SQL, NoSQL
- **Languages:** JavaScript, TypeScript, Rust
- **DevOps:** Azure, AWS, CI/CD