

# Phyo Han Kyaw

## Senior Full Stack✓ Blockchain Developer

✉ phyohan1005@gmail.com  
📍 California, United States

### SUMMARY

- Extensive experience as a Senior Full Stack/Blockchain Developer and AI Engineer, specializing in blockchain development, artificial intelligence, and scalable system design.
- Significant contributions in the development of advanced AI models, natural language processing, and computer vision solutions, with a focus on systems optimization and innovation.
- Proven track record in blockchain applications, including smart contract design, NFT marketplace development, token infrastructure creation, and decentralized exchange integrations, employing strategies to enhance scalability, efficiency, and security.
- Proficient in leveraging tools and methodologies such as machine learning algorithms, deep learning frameworks, gas optimization techniques, and Merkle tree structures to drive technical excellence.
- Seeking roles that align with ambitions to further advance in cutting-edge AI, blockchain technologies, and innovative software development projects.

### WORK EXPERIENCE

#### Lead Blockchain Developer

**Tsukiden Global Solutions Inc**

📅 10/2023 - 08/2025

- Led the design and deployment of custom smart contracts for an NFT marketplace, collaborating closely with stakeholders to translate business requirements into technical specifications.
- Implemented gas optimization strategies to minimize transaction costs and enhance platform scalability, conducting extensive testing and performance tuning to optimize contract efficiency.
- Innovated a reservation swap mechanism enabling users to secure listed items through a two-step payment process, integrating payment verification and token minting protocols to ensure transaction integrity and user trust.
- Implemented Merkle tree structures for signature verification, utilizing efficient hashing algorithms to validate large datasets with minimal computational overhead, enhancing security and scalability.

#### Senior Blockchain Developer

**JLabs**

📅 06/2022 - 09/2023

- Spearheaded the development of custom tokens and associated infrastructure across multiple blockchain networks, ensuring alignment with business objectives and regulatory requirements.
- Led integration efforts with decentralized and centralized exchanges, bridges, and token sale platforms, optimizing liquidity and market access for issued tokens.
- Integrated decentralized and centralized exchanges, as well as bridges, to facilitate fluid token trading and liquidity provision, enhancing accessibility and market reach for issued tokens.
- Designed and developed battle royale games utilizing Ethereum and Polygon networks, optimizing gas fees by offloading real-time battles to Polygon while maintaining game speed and scalability.

#### Senior Full Stack Developer

**Rikkeisoft**

📅 06/2021 - 05/2022

- Designed and programmed a blockchain-based supply chain management system, leveraging blockchain technology to achieve a remarkable 50% reduction in tracking errors. This solution enhanced transparency, traceability, and efficiency throughout the supply chain.
- Developed decentralized applications including NFT marketplaces, crowdfunding platforms, and decentralized exchanges, collectively attracting over

# Phyo Han Kyaw

## Senior Full Stack / Blockchain developer

✉ chaopa1005@gmail.com

📍 California, United States

### EDUCATION

Bachelor of Science in  
Computer Science

University of California,  
Los Angeles

📅 10/2015 - 06/2019

📍 Los Angeles, California

### SKILLS

- Smart Contract, DeFi, DEX, NFT
- Solidity, Web3.js, ethers.js
- Rust, SPL, Golang, Solana/web3
- Uniswap, PancakeSwap
- ERC-20/ERC-721/ERC-1155
- React, Next.js, Angular.js, Vue.js
- Node, Express.js, Python, Django
- MongoDB, AWS RDS, PostgreSQL
- GIT, GitHub, GitLab, BitBucket

### LANGUAGES

- ♦ English

### INTERESTS

- ♦ Sports (Football, Swimming)

### CERTIFICATES

- ♦ BlackBerry Certified Builder  
for Web Application  
Development

2,500 daily active users. These platforms offered innovative solutions and fostered community engagement within the blockchain ecosystem.

- ♦ Implemented end-to-end ERP Blockchain API solutions for SyncFab customers, utilizing blockchain technology and other SyncFab services with Golang, Gorilla Mux, and Go-Web3. These solutions optimized supply chain processes, enabling secure and transparent data exchange among stakeholders.
- ♦ Developed decentralized applications and integrated DeFi protocols to enhance user experiences and expand access to financial services.

### Full Stack PHP Developer

Proudcloud

📅 07/2019 - 05/2021

- ♦ Designed and developed custom PHP web applications using Laravel, MongoDB, Codelgnite.
- ♦ Contributed to the building and deployment of a new eCommerce platform, orchestrating the integration of diverse systems, APIs, and third-party services to streamline customer order processing logic.
- ♦ Supported the establishment and optimization of CI/CD pipelines, ensuring smooth deployment processes and efficient codebase management.
- ♦ Integrated a web-based file manager into a PHP custom site, resolving compatibility issues arising from the use of Java-based plugins, ensuring seamless functionality and user experience.