

# HOLMES MING

Toronto, ON, Canada · [haodev007@gmail.com](mailto:haodev007@gmail.com)

[Website](#) · [GitHub](#) · [X](#)

7+ years as a full stack developer, mostly in Web3 and AI these days. The work has ranged a lot: DeFi protocols on Solana, AI orchestration platforms, internal ops tooling, mobile apps. Not really a one-trick specialist. Whatever the project needs, smart contracts, backend architecture, frontend or wiring up LLMs, that's what gets done. Pretty fast at picking up new stacks when a project calls for it. Cares more about whether the product actually solves the problem than hitting arbitrary code quality checkboxes. Works well independently and has led small teams too depending on what the engagement needs.

## **TECHNICAL SKILLS**

- **Frontend/Mobile:** React, Next.js, TypeScript, Tailwind CSS, ShadCN UI, Zustand, React Query, RN/Expo
- **Backend:** Node.js, NestJS, Go, Python, FastAPI, PostgreSQL, MongoDB, Redis, Prisma, Drizzle ORM
- **AI & Automation:** OpenAI/Anthropic API, Voiceflow, LLM Integration, AI Orchestration, RAG, LangChain
- **Infrastructure & Tools:** AWS, Cloudflare, Vercel, Supabase, Docker, REST, GraphQL, WebSockets, Jest
- **Web3:** Solana (Anchor, web3.js), EVM (Solidity, Hardhat, Ethers.js/Viem, IPFS), DeFi/DEX

## **PROFESSIONAL EXPERIENCE**

### **Full Stack Developer – Wired Proxy**

*June 2025 - Present*

- Developed marketing and monetization features on the admin panel including a coupon system aligned with business pricing strategy, a partner management module with live ClickUp integration for real-time status tracking, and cron-based email and Discord notifications to boost user engagement.
- Built a spreadsheet-like stock management GUI from scratch to replace a legacy Google Sheets workflow, migrating IP inventories, server data and subnet records into a unified MySQL database with real-time synchronization across provisioning and billing systems.
- Implemented advanced data table features including multi-column filtering, wildcard search, numeric comparison filters, column grouping, sortable headers and session-based column reordering, making large-scale IP inventory management significantly faster for internal teams.
- Engineered subnet lifecycle workflows with CIDR validation rules preventing duplicate blocks, overlaps and retirement of allocated IPs, plus tag-based allocation logic enforcing business constraints like double-sale prevention and stock availability checks.

### **Full Stack AI Developer – Pyxa AI**

*January 2025 - February 2026*

- Migrated the entire platform from a Laravel monolith to a React/Next.js frontend, modernizing the codebase and unlocking significantly faster iteration cycles across all product features.
- Architected and implemented an AI orchestration layer that unified previously siloed UIs for text generation, image generation, video, voice, and chatbot tools into a single cohesive dashboard, improving product usability and reducing context switching for end users.
- Integrated and connected multiple LLM providers including OpenAI, Anthropic and Gemini APIs within the orchestration layer, routing requests dynamically based on feature context and model capability.
- Worked across the full platform surface during migration including chatbot builder, image generation pipelines, voice cloning, video generation and social media tooling, maintaining feature parity throughout.

### **Full Stack Web3 Developer – stable**

*October 2022 - June 2025*

- Overhauled the DApp's five core pages by migrating from React 17/Next.js 13 to React 19/Next.js 15 and rebuilding UI components with Tailwind CSS and ShadCN UI, shrinking client bundle size by 18%, cutting Time-to-Interactive from 1.5s to 1.05s (30% faster), and reducing monthly UI bug reports by 25%.
- Integrated Solana SDK to expose smart-liquidity routing, margin liquidity and arbitrage in the UI, driving 3,150 daily stablecoin swaps at \$29,600 avg per swap and 180ms median latency, a 17% improvement.
- Built backend microservices for RPC caching and transaction orchestration, handling 150,000+ Solana transactions/day, reducing redundant RPC calls from 1 million to 600,000/day (40% reduction) and sustaining \$93M peak daily volume on \$33M TVL.

- Launched a GitHub Actions CI/CD pipeline with global CDN delivery and parallel builds, cutting deploy time from 8.5 min to 5.1 min (40% faster) and raising release cadence from 2 to 3 releases per month.
- Prototyped and integrated an LLM-powered chatbot using OpenAI API to guide users through stable's swap and liquidity features, reducing onboarding friction before the feature was sunset due to product direction changes.

#### **Lead Full Stack Developer – ZNS Connect**

*March 2023 - December 2024*

- Led a distributed development team to deliver a stable, production-ready decentralized naming service on EVM-compatible chains.
- Integrated smart contracts and affiliate logic, managing cross-functional collaboration across design, backend and contract developers.
- Improved system uptime from 70% to 99.5% and drove visibility by enabling TVL tracking via DefiLlama.
- Built and launched the full mobile version of ZNS.bio using React Native and Expo, bringing the naming service experience to iOS and Android users.

#### **Full Stack Web3 Developer – Parasol Finance**

*April 2022 - October 2022*

- Architected and launched Parasol's community-governed IDO launchpad on Solana, processing fair token allocations for 1,500+ participants per sale and cutting listing-fee overhead by 20%.
- Built an admin dashboard to automate pool configuration and NFT-access key distribution, reducing manual operations by 35% and shortening IDO launch prep from 72 to 48 hours (-33%).
- Developed an NFT-based staking-reward system and integrated Binance Connect API, driving a 30% lift in average subscription size and a 25% increase in wallet integrations for IDO participants.
- Refactored 6 core React pages with Tailwind CSS, slashing Time-to-Interactive from 2.0 s to 1.2 s (-40%) and achieving WCAG 2.0 AA accessibility compliance.

#### **Frontend Web3 Developer – One Ring**

*May 2022 - September 2022*

- Recommended and implemented over 20 UX enhancements, increasing usability and retention across dApp flows and integrated the Jupiter Aggregator SDK into the Solana frontend interface for optimized token swap execution.

#### **Full-Stack Developer – Expaus Lxgic**

*March 2022 - April 2022*

- Designed and deployed a Node.js and Express-based chatbot that processed and stored over 1 million entries in MySQL and improved responsiveness across 10+ device sizes, increasing load speed and device usability metrics.

#### **Full Stack Developer – NanoX Finance**

*November 2021 - February 2022*

- Architected scalable frontend infrastructure to handle high-traffic ICO spikes, cutting page load time by 40% using SSR and SSG, alongside backend services development in Go.

### **OPEN SOURCE CONTRIBUTIONS**

#### **Saber**

- Actively contributed to [\*saber-hq/saber-common\*](#) by creating and merging two Pull Requests, enhancing explorer link generation and refactoring *generateTXLink* (PR #664, PR #675).
- Identified and reported a key issue to improve Solscan explorer linking functionality (Issue #663).

#### **DefiLlama**

- Contributed to [\*DefiLlama/dimension-adapters\*](#) by adding ZNS dimensions, enabling the project's data to be listed and tracked on the platform (PR #1698).

#### **Ethereum-Lists**

- Enhanced [\*ethereum-lists/chains\*](#) by adding the Creator Chain Testnet, supporting broader ecosystem infrastructure (PR #5808).

### **CERTIFICATIONS & LICENSES**

[JavaScript Algorithms and Data Structures at freeCodeCamp](#)

*April 2022*

[React.js and Node.js at Triplebyte \(platform discontinued\)](#)

*March 2023*

### **EDUCATION**

**B.S. in Computer Science**, The University of Hong Kong

2016