

Harry Lim

Senior Full Stack Engineer

harrylim0831@gmail.com | Singapore | github.com/runehand | harry-lim.vercel.app

SUMMARY

Senior Full Stack Engineer with 8+ years of hands-on work building responsive web and mobile applications. Proven ability to deliver end-to-end solutions-from designing clean, intuitive user interfaces to developing scalable back-end systems. Strong background in React, Node.js, and mobile frameworks like React Native, with added expertise in integrating blockchain technologies when needed. Known for writing clean, maintainable code and delivering projects on time that align with business goals and enhance user experience.

EXPERIENCE

PanPlaz, Senior Full Stack Engineer

12/2024 – 10/2025 | USA

- Built a Next.js dashboard and React Native Expo mobile app for a social discussion platform connecting university students, professors, alumni, and general users, supporting 6 distinct user roles.
- Implemented real-time video and audio meetings between Web and Mobile using Agora and WebSocket, achieving smooth sessions for up to 40 participants per room.
- Developed multi-permission account management with 2FA and encrypted chat history, securing sensitive discussions across multiple databases (AWS DynamoDB, MSSQL).
- Engineered AI-powered blog generation using AWS Lambda, enabling content creation for over 100 topics with dynamic embedding.

CRGPT, Team Leader & Founding Engineer

05/2024 – 10/2024 | Cyprus

- Crafted mobile-responsive interfaces with Tailwind CSS, improving user retention by 24% across devices.
- Partnered with UX/UI designers to deliver seamless experiences, reducing bounce rates by 18%.
- Engineered AI modules using Python and streamlined data pipelines with Rust, cutting processing time by 30%.
- Architected scalable back-end systems with Django, maintaining 99.9% uptime across 500+ daily requests.
- Orchestrated real-time data features using Convex, Socket, and Convex, boosting sync speeds by 35%.
- Integrated Web3 wallet systems and DEX/CEX connectivity, reducing transaction latency by 60%.
- Constructed multi-database architecture with robust permission handling, scaling to hundreds of users.
- Guided agile development sprints and mentored junior developers, improving sprint velocity by 15%.
- Delivered an AI analytics dashboard 2 weeks early, managing deployments across multiple environments flawlessly.

UpdatedAI, Senior Fronted Engineer

12/2023 – 05/2024 | Cyprus

- Designed responsive UIs with React.js, increasing mobile session durations by 22%.
- Refactored legacy builds using ES6+, Webpack, and Babel to boost deployment speed by 30%.
- Structured scalable front-end logic using React Hooks and Context API, cutting QA bugs by 45%.
- Enabled real-time updates with WebSocket, maintaining <100ms latency in live data feeds.
- Styled components efficiently with Tailwind CSS and Styled Components, halving styling time.
- Enhanced performance with lazy loading and asset optimization, reducing average load time by 1.8 seconds.

OJO, Mobile App Engineer

03/2022 – 11/2023 | USA

- Published 2 high-performance cross-platform apps using React Native and Flutter, gaining 10K+ downloads in the first 3 months.
- Tailored UI designs for multi-screen support, raising App Store ratings from 3.6 to 4.4.
- Integrated mobile infrastructure with GCP, cutting server downtime to <1% and improving API response by 40%.
- Implemented robust architecture patterns (MVC, MVVM), reducing bug resolution time by 30%.

YOC, Founding Engineer

04/2020 – 02/2022 | USA

- Delivered 4 Web3 dApps with intuitive interfaces using Next.js, boosting user activity by 35%.
- Authored and audited 15+ Solidity smart contracts (DEX & AMM), with zero post-deployment vulnerabilities.
- Extended support for NEAR, ERC, and BSC networks, doubling platform interoperability and user reach.

Askhandle, Junior Backend Engineer

12/2018 – 03/2020 | USA

- Launched AI-driven chatbots, slashing support response time by 65% and increasing user engagement by 40%.
- Constructed machine learning pipelines for image analysis with 92%+ detection accuracy.
- Maintained high-concurrency systems with PostgreSQL, supporting 250K+ sessions under 200ms latency.
- Administered AWS EC2 infrastructure and fortified security via Cloudflare, achieving 99.99% uptime and 70% attack surface reduction.

EDUCATION

Bachelor's Degree in Computer Science, National University of Singapore

08/2014 – 06/2018 | Singapore

SKILL

Frontend

HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, Three.js, R3F, GSAP, Tailwind, MUI, Shadcn, Redux, Zustand, Vue.js, Angular

Mobile

React Native (Expo), Flutter (Dart), Redux, Zustand, Riverpod, GetX, Swift/SwiftUI, Java, Kotlin, Firebase, Agora, In-App Purchases, Mapbox

Backend

Node.js, Nest.js, Laravel, Python, Django, Flask, FastAPI, ASP.NET, PostgreSQL, MongoDB, GraphQL, Supabase, Firebase, Convex, Socket.io, WebSocket, Stripe

DevOps

AWS, GCP(Google Cloud Platform), Vercel, Git, Docker, Kubernetes, Helm charts, Terraform, YAML, Ansible, Cypress, Jest

LANGUAGES

English

Fluent