

# Benjamin Looi

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Product-minded Full Stack Engineer with 5+ years of experience shipping web and mobile applications for real businesses. Specializing in TypeScript, React/Next.js ecosystem, and Node.js. Proven track record of modernizing legacy systems, optimizing CI/CD pipelines, and building complex tools (like dual-currency POS systems and HRMS platforms) that solve actual user pain points.

## EDUCATION

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**Diploma, Computer Science | 3.94/4.0 CGPA**

**Jun, 2017 -Sept, 2019**

*Uniten, University Tenaga Nasional*

*Putrajaya, Malaysia*

- Dean's List Honoree (All Semesters)
- Introduced and integrated e-gaming initiatives within the educational environment and organized and ensured smooth execution of e-gaming events

## WORK EXPERIENCE

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**Sokha Tech — [sokha.tech](https://sokha.tech)**

**Jul. 2025 – Present**

*Independent Consultant*

*Phnom Penh, Cambodia*

- Architected and developed Baguette POS, a pre-launch point-of-sale system designed to solve regional pain points, featuring dual-currency (USD/KHR) handling and real-time table management.
- Implemented offline-first ordering capabilities and designed a fully bilingual (English/Khmer) marketing platform from the ground up to support future client onboarding.

**TalentCloud AI**

**Jul. 2022 – Jul. 2025**

*Senior Full Stack Developer*

*Remote · Kuala Lumpur*

- Led the migration of a legacy HRMS front-end to a Nuxt.js monorepo (Turborepo), implementing a modular component library that slashed feature deployment time by 25% and reduced code redundancy by 40%.
- Spearheaded the development of complex HR modules, including an Excel-like click-to-assign shift management system that reduced manual scheduling errors by 30%.
- Standardized code quality by configuring ESLint/Prettier across 3+ projects and optimizing front-end performance, cutting code review time by 20% and production bugs by 30%.
- Optimized the BitBucket CI/CD pipeline by removing redundant assets and refining the build process, enabling zero-downtime AWS deployments and boosting overall developer efficiency.
- Resolved over 100 client-reported bugs and delivered 15+ tailored enterprise customisations (e.g., pre-planned Overtime engines), directly contributing to a 25% improvement in client retention.
- Collaborated cross-functionally to integrate Laravel and Node.js backend systems, while actively mentoring junior developers to foster team growth.

## OpensoftHR

Jun. 2021 – Jul. 2022

Frontend Developer

Remote · Kuala Lumpur

- Redesigned and modernized the legacy HRMS front-end using Angular, delivering the project ahead of schedule and significantly improving overall UX and performance.
- Re-engineered core administrative pages, forms, and dashboards, ensuring seamless REST API interactions with existing backend architecture.
- Introduced modern front-end tooling and development practices, successfully reducing technical debt and driving a surge in new client acquisition due to the platform's upgraded design and functionality.

## Platinum Code

Aug. 2020 – Jun. 2021

Full Stack Developer

Remote · Kuala Lumpur

- Acted as the sole Front-End Developer to architect and build a large-scale Point-of-Sale (POS) system for the F&B industry using React.
- Developed and launched multiple customized client applications, collaborating heavily with backend engineers to integrate Laravel RESTful APIs and real-time WebSockets.
- Standardized the team's development environment by introducing Docker, completely eliminating cross-developer setup inconsistencies and accelerating onboarding.

## Plentisoft Sdn. Bhd

Feb. 2019 – May. 2019

Intern Software Developer

Kuala Lumpur

- Developed, documented, and deployed over 50 news media web applications using Angular and Firebase.
- Maintained existing WordPress web applications, developing new pages and swiftly resolving critical UI/UX bugs.

## PROJECTS

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**Baguette POS** – [pos.sokha.tech](https://pos.sokha.tech) – A zero-hardware-lock-in POS system for Cambodian restaurants with dual-currency (USD/KHR) payments, offline-first ordering, and drag-and-drop table management. Built with React, Vite, TypeScript, Tailwind CSS and Laravel.

**WOLE** – [github.com/Benjaminlooi/WOLE](https://github.com/Benjaminlooi/WOLE) – An Android app that transforms a phone into a persistent Wake-on-LAN relay via foreground service, with a built-in web dashboard for device management. Built with Expo, React Native, and native Java modules.

## SKILLS

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**Languages:** JavaScript, TypeScript, PHP

**Frontend:** React, Next.js, Vue.js, Nuxt.js, Angular, React Native, Tailwind CSS

**Backend:** Node.js, Laravel, MySQL

**Tools & DevOps:** AWS, Vercel, Firebase, Git, Docker, Turborepo, CI/CD Pipelines