

Sai Horm Kham

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Full Stack Software Engineer with 4+ years of professional experience building and operating web and mobile applications used by thousands of users. Strong background in TypeScript, React, and Go, with experience designing APIs, databases, and deploying production systems on AWS. Currently working in Japan on an AI-assisted internal audit platform, contributing across the full software development lifecycle.

Experience

APR 2023 – PRESENT

Full Stack Software Engineer | One Terrace Co., Ltd. | Japan

- Leading an internal development team building a Japan-focused internal audit system integrated with AI.
- Integrating AI to automate compliance checks and giving AI suggestion.
- Architecting the frontend with Next.js/TypeScript, and the backend with Laravel, MySQL, and Redis.
- Overseeing the software development lifecycle, from planning to deployment.
- Designing and maintaining CI/CD pipelines with GitHub Actions, Playwright E2E testing, and Docker deployments.
- Ensuring high code quality and effective collaboration within the team.

APR 2022 – FEB 2023

Full Stack Software Engineer | Digital Laboratory Myanmar | Myanmar

- Responsible for developing and operating high-performance & SEO-friendly microsites with React Gatsby + GraphQL.
- Responsible for researching cloud tools & new technologies
- Responsible for maintaining WordPress & Duda sites

JUL 2021 – FEB 2022

Intern • Developer | Bliss Stock Co., Ltd. | Japan (Remote)

E-Learning System • Website

- Assisted in project planning and progress tracking
- Designed wireframes using Figma
- Developed features using Java Spring Boot and Bootstrap 5
- Managed server deployment and containers using Docker

E-commerce Mobile Application with Video Call • Mobile Application

- Designed wireframes using Adobe XD & developed the application using Flutter
- Integrated Firebase, Algolia, and Agora for backend services and video calls

Personal Project

StudioMaj7

Mobile & Full-Stack Web Application

- Designed and developed a full-stack platform using Next.js, Go, and React Native
- Built backend services in Go to support web and mobile clients
- Implemented full-text search using TypeSense to handle multilingual input issues
- Designed and managed the database using SQLite
- Integrated Firebase for authentication and notifications
- Deployed and operated backend services on a self-managed Ubuntu EC2 instance, using Amazon S3 and CloudFront for static asset delivery, and Cloudflare for DNS, and basic security
- Achieved **5K+ Play Store downloads** and **~3.9K+ monthly active users** on the web platform within 6 months

Skills

JavaScript • TypeScript • React • Next.js • React Native • Tailwind CSS • Laravel • PHP • Go • REST APIs • SQL • PostgreSQL • MySQL • SQLite • Redis • Firebase • TypeSense • GraphQL • Docker • Linux • Nginx • AWS • Azure • CI/CD • Playwright • Git • Figma • Agile/Scrum

Education

2025 - EXPECTED 2026

University of the People (UoPeople)

Bachelor's Degree (In Progress)

Currently enrolled

2015 - 2021

University of Computer Studies, Mandalay

Bachelor of Computer Science (Knowledge Engineering)

Completed coursework through Year 5

Achievement

- 2nd Runner-Up, Myanmar Collegiate Programming Contest (MCPC) — 3 consecutive years
- Participant in Singapore Polytechnic extracurricular exchange programs

Language

English: C2 Proficient (EF SET 75/100)

Japanese: JLPT N3