

# Hein Soe

## Full-Stack Software Engineer

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## Summary

Full-Stack Software Engineer with 6+ years of experience delivering production SaaS applications on Google Cloud Platform. Specialized in TypeScript/React/Node.js stacks with proven expertise in security compliance (Google CASA certified), Japanese business systems, and end-to-end product development. Track record of achieving 10-100x performance improvements and building scalable applications from architecture design to deployment.

**Work Style:** Self-driven developer who consistently delivers before deadlines. Strong communicator - proactively discusses solutions, provides suggestions, and reports progress on time. Experienced in remote collaboration with Japanese teams.

**Languages:** English (Fluent), Myanmar (Native)

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## Skills

### Core Stack

TypeScript, JavaScript, React, Next.js (13-15), Node.js, SQL

### Frontend Development

Tailwind CSS, Ant Design, Radix UI, TanStack Query (React Query), React Hook Form, Zod, Tiptap, Custom React Components

### Backend Development

Fastify, Express, Prisma ORM, Drizzle ORM, Payload CMS, REST API Design, Server Actions

## Mobile Development

React Native, Flutter

## Databases & Cloud

PostgreSQL, MySQL, Cloud SQL, Google Cloud Platform (Cloud Run, Cloud SQL, Secret Manager, Artifact Registry), Docker, GitHub Actions CI/CD, Firebase, Linux VPS

## Integrations & APIs

Stripe, Gmail API, Google OAuth 2.0, Google Gemini AI, OpenAI SDK, Web Push Notifications, OpenAPI/Swagger, REST/Webhook integrations (Facebook, Slack, Discord, Telegram, LINE, etc.)

## Security & Compliance

OAuth 2.0, JWT, AES Encryption, RBAC, Google CASA Certification, GDPR Compliance, Japanese Labor Law (労働基準法)

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## Experience

### Giant More Co., Ltd. (株式会社モア)

**Full-Stack Developer** | November 2024 - Present | Yangon, Myanmar (Remote to Japan)

#### Space Navi - Rental Space Analytics Platform

*Solo Full-Stack Developer | November 2024 - March 2025 (Prototype), July 2025 - September 2025 (Development), November 2025 - Present (Production)*

Full-stack SaaS platform for rental space operators managing properties across multiple booking platforms.

Built complete platform solo: Next.js 14 frontend, Fastify 5 backend, MySQL database on GCP

Achieved **Google CASA certification** for Gmail API sensitive scope (gmail.readonly)

Implemented automated email parsing with REGEX (100% success rate) + AI fallback using Gemini

Integrated Stripe subscriptions, Gmail sync, and real-time analytics dashboards

Optimized database queries achieving 10-100x performance improvements

Deployed on GCP Cloud Run with zero-downtime CI/CD pipeline

Currently maintaining and enhancing production application

**Tech:** Next.js 14, TypeScript, Fastify, Prisma, MySQL, GCP Cloud Run, Stripe, Gmail API, Gemini AI

## **Time Flow App - Workforce Management System**

*Full-Stack Developer / September 2025 - November 2025 (Prototype)*

Workforce management system ensuring compliance with Japanese Labor Standards Law (労働基準法).

Developed real-time time tracking with clock in/out, break tracking, and compliance monitoring

Implemented leave/overtime request workflows with multi-device push notifications

Built role-based access control (Employee/Manager/Admin) with organization isolation

Created compliance dashboards tracking overtime limits, break requirements, and holiday allocations

**Tech:** Next.js 15.5, React 19, TypeScript, PostgreSQL, Prisma, TanStack Query, Radix UI, PWA

## **Future - Crowdfunding Platform**

*Frontend Developer / March 2025 - July 2025 (Production)*

Frontend application for crowdfunding platform with rich content editing and payment integration.

Collaborated with backend developer in Japan, coordinating API integration and feature implementation

Built project creation UI with Tiptap rich text editor (images, links, YouTube embeds)

Integrated Stripe payment flow for crowdfunding contributions

Implemented Firebase authentication and user management

Developed responsive UI with Radix components and Tailwind CSS

Added multi-language support with next-intl

**Tech:** Next.js 15, React 19, TypeScript, Zustand, Tiptap, Stripe, Firebase Auth, Radix UI

## Brain Wave Data

**Full-Stack Developer** | 2021 - 2024 | In-house

Maintained legacy hospital systems (remote to Singapore) with queue management, room management, patient information board, and patient/nurse workflows - resolved critical bugs, improved system stability, and implemented feature upgrades

Built ClinicHub frontend as Senior Frontend Developer - clinic management system with appointment booking and doctor management (Next.js, Ant Design)

Built MEGA Music landing page with album/artist browsing, subscription features, and custom animated UI - delivered complete production-ready application in **1 week** for urgent client deadline

Developed MEGA Network ISP company website featuring interactive SVG coverage map and API-integrated pricing calculator

Delivered multiple small-to-medium websites and CMS projects for various clients

**Tech:** Next.js, React, Express.js, Swiper, jQuery, Bootstrap, MSSQL, Redis, Custom CSS

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## Freelance

**Web Developer** | 2019 - 2021 | Myanmar

Built Real Estate platform with property listings, OpenStreetMap integration, advanced filtering system, inquiry management, and comprehensive admin panel

Developed organization and company websites for local businesses across various industries

Created e-commerce websites with shopping cart, payment integration, and inventory tracking

Built inventory management system for retail operations with stock tracking and reporting features

Developed custom WordPress themes and plugins tailored to client requirements

**Tech:** Next.js, Ant Design, Tailwind CSS, MySQL, WordPress, PHP, HTML, CSS, JavaScript

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# Achievements

**Google CASA Certified Application** - Space Navi SaaS platform passed comprehensive 54-question OWASP security assessment covering authentication, encryption, access control, injection prevention, and GDPR compliance

**Database Performance Optimization** - Achieved 10-100x query performance improvements through strategic indexing and query optimization on Space Navi platform

**100% Email Parsing Accuracy** - Designed hybrid REGEX + AI fallback system for automated booking email parsing with zero manual intervention required

**Rapid Delivery Under Pressure** - Built and launched complete MEGA Music streaming platform landing page in 1 week to meet urgent client deadline

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## Education

**Bachelor of Mathematics** Dagon University | 2017

**Web Development Certificate** | 2018

PHP, HTML, CSS, JavaScript, jQuery, MySQL

**Node.js Certificate** | 2020

Node.js, Express.js, React.js, React Native

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