

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.

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.

Architecture: Experienced in Domain-Driven Design (DDD), building scalable and maintainable systems that adapt to changing requirements. Focus on clean architecture, separation of concerns, and long-term code maintainability.

Languages: English (Fluent), Myanmar (Native)

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

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)

Experience

Giant More Co., Ltd. (株式会社モア)

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

Developing web applications for Japanese market including SaaS platforms and crowdfunding systems.

- **Space Navi (Production):** Built complete rental space analytics platform solo - achieved **Google CASA certification**, implemented automated email parsing with REGEX (100% success) + AI fallback using Gemini with batch processing for 1000+ emails, developed AI Analytics Chat using Gemini 2.0 Flash, integrated Stripe subscriptions and real-time dashboards
- **Time Flow App (Prototype):** Built workforce management system ensuring Japanese Labor Law compliance - real-time tracking, leave/overtime workflows with push notifications, RBAC, compliance dashboards
- **Future Platform (Production):** Developed crowdfunding platform frontend - collaborated with Japan-based backend team, built rich text editor with Tiptap, integrated Stripe payments and Firebase auth, implemented multi-language support

Tech: Next.js 14/15, React 19, TypeScript, Fastify, Prisma, MySQL, PostgreSQL, GCP Cloud Run, Stripe, Gmail API, Gemini AI, Firebase, Radix UI, TanStack Query

Brain Wave Data

Full-Stack Developer | 2021 - 2024 | Yangon, Myanmar

- **Hospital Systems:** Maintained hospital systems (remote to Singapore) with queue management, visitor management, patient information board, and patient/nurse workflows - resolved critical bugs, improved system stability, and implemented feature upgrades
- **ClinicHub:** Built frontend as Senior Frontend Developer - clinic management system with appointment booking and doctor management (Next.js, Ant Design)
- **MEGA Music:** Built landing page with album/artist browsing, subscription features, and custom animated UI - delivered complete production-ready application in **1 week** for urgent client deadline
- **MEGA Network:** Developed ISP company website featuring interactive SVG coverage map and API-integrated pricing calculator
- **Client Projects:** 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

Freelance

Web Developer | 2019 - 2021

- **Real Estate Platform:** Built platform with property listings, OpenStreetMap integration, advanced filtering system, inquiry management, and comprehensive admin panel
- **Organization Websites:** Developed company websites for local businesses across various industries
- **E-commerce Websites:** Created e-commerce websites with shopping cart, payment integration, and inventory tracking
- **Inventory Management System:** Built system for retail operations with stock tracking and reporting features
- **WordPress Development:** Developed custom themes and plugins tailored to client requirements

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

Achievements

- **Google CASA Certified Application** - Space Navi passed comprehensive 54-question OWASP security assessment + live web scan for security 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
 - **Rapid Delivery Under Pressure** - Built and launched complete MEGA Music streaming platform in 1 week to meet urgent client deadlines
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