

MAN HOANG

Full-Stack Software Engineer

- man-hoang@outlook.com
- Da Nang, Vietnam
- GitHub
- LinkedIn

SKILLS

Languages & Frameworks

- TypeScript
- React
- Lit
- Next.js
- .NET
- C#
- Dart

Backend, Data & Systems

- Node.js
- PostgreSQL
- API Design
- System Design
- Design System
- SaaS Architecture

EDUCATION

B.S. Electrical Engineering

Portland State University
2009 - 2011

B.S. Electrical Engineering

Da Nang University of Technology
2006 - 2009

LANGUAGES

- Vietnamese Native
- English Fluent

INTERESTS

- AI
- Simple Living
- Science
- Organic Farming
- Technology
- Spiritual Growth

SUMMARY

10 years evolving a production multi-tenant SaaS system (frontend architecture, REST API, database work, identity service), with recent focus on startup product work, open-source libraries, and system design practice.

EXPERIENCE

Restful Mind

Frontend Engineer Hybrid (Non-profit) 09/2024 - Present

- Built an admin portal (Lit, TypeScript) for managing users, content, donations, and app versions
- Reviewed REST API, identified design issues, and drove integration with backend and QA teams

Frontend Engineer Hybrid (For-profit) 03/2024 - 09/2024

- Built an admin portal using React, TypeScript, Chakra UI, and React Query
- Collaborated with product, design, QA, and backend teams to align on UI/UX and API design

Accumulus

Software Engineer Remote 07/2014 - 02/2024

- Built frontend surfaces across the platform: admin portal, customer portal, integration widgets, routing library, charting library, and component library
- Built a cross-language templating engine (Dart, C#, TypeScript) for email notifications with syntax highlighting and autocompletion
- Co-designed a C# / ASP.NET Core REST API for the subscription domain (product, plan, coupon, ...)
- Upgraded an identity service from IdentityServer3 to IdentityServer4

PROJECTS

Kin Form Creator & Maintainer 03/2025 - Present

- Rewrote from a Lit-only library into a framework-agnostic, type-safe form library (4.8 KB gzip, core + React bindings) with async-validation debounce and declarative cross-field revalidation, outperforming React Hook Form and TanStack Form in benchmarks

Kin Store Creator & Maintainer 06/2026 - Present

- Built a zero-dependency, framework-agnostic reactive state library (244 B - 1.07 KB) with flat plugin composition (persist, history, immer) and React bindings

MiniSlack Creator & Architect On Hold 01/2026 - Present

- Designed a 6-tier distributed architecture (client, gateway, service, storage, worker, event bus) with a practical roadmap from monolith to full distribution