

(Tomas) Hai Hung Nguyen

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PROFESSIONAL EXPERIENCE

Software Engineer · FTMO

Jan 2026 - Present

Full-time

- Maintain and extend production React pages serving the FTMO trader platform
- Develop custom server-side rendering pipeline alongside the platform team
- Ship new features end-to-end across the React + SSR stack

Frontend Engineer · Lolozone

May 2025 - Dec 2025

Part-time

- Built an interactive React-based game using Tanstack Router for navigation
- Styled components with Tailwind Variants for compositional design tokens
- Managed server state and data fetching with Tanstack Query
- Integrated auto-generated REST clients via Orval for type-safe API consumption
- Used GitLab for version control, code review, and CI/CD

Full-stack Developer · Yolk Studio

Jan 2024 - Dec 2025

Full-time

- Developed and maintained SPAs using React, TypeScript, and Next.js
- Implemented CI/CD pipelines with automated testing, linting, and deployment via GitHub Actions
- Introduced Sentry across the majority of projects for error monitoring
- Developed and optimized .NET APIs
- Built cross-platform mobile apps with React Native using reusable components
- Launched newspaper.media for iOS and Android with OTA updates
- Built a mortgage automation system that reduced manual processing time by 80%

EDUCATION

Charles University, Faculty of Mathematics and Physics

ends Jun 2024

BSc Computer Science — Web Development & Databases

Bachelor's thesis: Web-based POS System — featured in a Matfyz article

Gymnázium Ostrov

ends 2021

Secondary education

Graduated with honors

FEATURED PROJECTS

Hostivio — Property Management Platform

hostivio.cz

- Developed complex SPA using React, TypeScript and REST client integration
- Implemented automated Czech regulatory compliance workflows (Ubyport v2, tourist tax)

Matcha Koncept — Shopify storefront

- Designed and built a custom Shopify storefront tailored to the brand

Web-based POS System

dspace.cuni.cz/handle/20.500.11956/193057

- Designed full-stack application using React, Django, and PostgreSQL with inventory management
- Featured in a Matfyz university article

Higher-order Collaborative Filtering System

github.com/tomikng/Higher-order-EASE

- Implemented recommendation algorithms based on a Netflix research paper on negative interactions

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript, React, Next.js, React Native, .NET, Python, Django, SQL, NestJS, Astro

Tools: Git, GitHub, GitLab, Sentry, PostgreSQL, REST APIs, Figma

AI tools: Claude Code, Cursor, ChatGPT, GitHub Copilot, v0

Specializations: Full-stack development, Mobile development, API design, Problem solving

always learning, never limited by tech stack