

Manh Nguyen

AI Solution Developer · Frontend Engineer — TypeScript, React, Next.js, SvelteKit, Node

🇩🇪 German citizen — full EU work authorization 🏠 Currently Montreal, Canada — open to relocation

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SUMMARY

Developer who builds **the interfaces and pipelines people use AI through** — product frontend in TypeScript and React, and the Node services, LLM integrations and automation behind them. Three years shipping frontend in an agile product team at Interhyp, Germany's largest mortgage broker, including AI features released to production; now building AI web products and LLM automation at a Canadian smart-manufacturing institute.

SKILLS

Frontend: TypeScript, JavaScript, React, Next.js, Svelte / SvelteKit, HTML, CSS, Tailwind, design systems, accessibility, GSAP, Figma

Backend & Infra: Node.js, REST APIs, Spring Boot, Kotlin, Java, SQL, PostgreSQL, MongoDB, Docker, Vercel, Git

AI: LLM integration, AI agents, MCP, prompt engineering, n8n, Ollama, local LLM deployment

EXPERIENCE

AI Solution Developer

2026 – Present · Quebec, Canada

CNIMI — Centre national intégré du manufacturier intelligent (UQTR)

- Designing and building the **CNIMI AI website** (SvelteKit, TypeScript, bilingual FR/EN, deployed on Vercel) and delivered a **ClickUp KPI dashboard** — a data-dense interface over the ClickUp API tracking team and project activity.
- Own a **reporting pipeline that runs on a schedule** (ClickUp API → three datasets → local LLM → French HTML newsletter). It gave the team visibility into what colleagues are working on and which projects are moving — an information channel that did not exist before.
- Built a **Claude Code tooling layer over MCP** with full CRUD across two automation instances, and deployed **local LLMs on GPU infrastructure** (Ollama, Docker, 80 GB VRAM) for private on-premise workloads.

Software Developer (Frontend Intern to Junior Engineer)

2023 – 2026 · Munich, Germany

Interhyp AG

- Built the frontend for the **high-traffic homepage calculators** and designed and delivered the **public API documentation site**, working directly with designers on both.
- Shipped an **AI-powered logbook summary** to production as the final apprenticeship project, from scoping through release; integrated an LLM for **automated summaries and reply suggestions** across the logbook and mailbox modules — frontend plus the service layer behind it.
- Delivered full-stack features in an agile product team over three years, growing from intern to junior engineer.

SELECTED PROJECTS

Interactive Portfolio — live

manhnguyen.dev

SvelteKit, TypeScript, GSAP

- Five-station scroll-driven interface built end-to-end. Collapsed seven independent delay tokens into a **single GSAP timeline** so entrance motion stays in sync at any scroll speed, measured colour contrast during the build rather than after, and verified behaviour in **headless Chrome over CDP** when the dev preview reported the wrong thing.

Life-OS — personal agent operating system

2026

Claude Code, MCP, custom skills and hooks

- A daily-driver agent system I designed and use: composable skills, layered memory architecture, domain and model routing, lifecycle hooks. Built to find out where agents actually break in day-to-day use, not in a demo.

EDUCATION & LANGUAGES

IT Specialist, Application & Software Development — Berufsschule für Informationstechnik, Munich

2023 – 2026

Full-Stack Web Development Bootcamp — CareerFoundry

2022 – 2023

Languages: Vietnamese (native) · German (C1–C2) · English (B2, fluent) · French (learning, Alliance Française)