

Vu Hong Quan

Full-stack Developer | Hanoi, Vietnam

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Full-stack developer with nearly 5 years building web products end to end in TypeScript, React, Next.js and Node.js, from UI/UX and APIs to AWS infrastructure and CI/CD. At HBLab, led M-Meeting and AI Hub from scratch and cut monthly AWS costs by **25%**. Previously built two Shopify apps with **50,000+ combined installs** at Tapita.

EXPERIENCE

HBLab

Hanoi, Vietnam

Senior Full-stack Developer

Dec. 2025 – Present

- Designed and built **M-Meeting**, a real-time meeting translation app, from zero to production: APIs, data model, frontend and infrastructure.
- Architected **AI Hub**, a multi-tenant SSO and permissions platform for already-live AI products; weighed several approaches and chose one that fits existing apps and lets new ones plug in without core changes.
- Maintained and extended **M-RAG** and **M-Trans** in production.
- Offloaded long-running tasks to Redis-backed **job queues** and background workers.
- Built the AWS infrastructure and GitLab CI/CD (**IAM OIDC**, migrations, image vulnerability scans) deploying on every merge, replacing 20-minute manual deploys and cutting AWS costs by **25%**.
- Reviewed MRs; brought **Claude Code** into the team; built a product-line **design system** with **Claude Design** and designed M-Meeting's UI/UX on it.
- Stack:** *TypeScript, Next.js, React, NestJS, FastAPI, PostgreSQL, MongoDB, Redis, BullMQ, AWS.*

Tapita

Hanoi, Vietnam

Middle Full-stack Developer

Dec. 2022 – Dec. 2025

- Led a team of 2 building full-stack Shopify apps, from Node.js backend and React admin UI to storefront extensions, growing **Tapita AI SEO Optimizer, Speed** and **G: Theme Sections & Blocks** to **50,000+ combined installs**.
- Raised merchants' PageSpeed scores from an average of 50 to 65–75 across 30+ stores by optimizing templates and JavaScript loading, improving **Core Web Vitals**.
- Integrated the Shopify **GraphQL Admin API**, **webhooks** and **metafields** to sync store data and persist app settings per shop.
- Stack:** *Node.js, React, Polaris, Liquid, MongoDB, AWS.*

NFT Team

Hanoi, Vietnam

Junior Full-stack Developer

Nov. 2021 – Dec. 2022

- Built NFT minting websites and a Discord bot for NFT price/profit checks, giveaways and role automation.
- Stack:** *JavaScript, React, Node.js, Express.js, Discord.js, ethers.js, Firestore, Heroku.*

PROJECTS

BrewDistrict24

Sep. 2026

- Scroll-driven brewery landing page in **React** and **Three.js**: a procedural 3D beer can flips into the product panel and swaps 6 labels mid-spin, animated outside React's render cycle. Cut label load on slow devices from 14s to 172ms.

sanpickleball

Jul. 2024 – Jul. 2025

- Pickleball court finding and booking platform in **Next.js** and **Node.js** with an owner dashboard. JWT + Google OAuth2 auth, deployed with Docker and GitHub Actions.

genankjs

Jun. 2025 – Jul. 2025

- JavaScript port of Python's genanki, published on [npm](https://www.npmjs.com/package/genankjs), that writes real .apkg Anki decks with no Python dependency. Demo page built with HTMX.

More projects at vu9huy.dev/projects

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python

Frontend: React, Next.js, Vite, Tailwind CSS, Three.js

Backend: Node.js, NestJS, Express.js, FastAPI, WebSocket, SSE

Database: PostgreSQL, MongoDB, Redis

Cloud & DevOps: AWS (ECS Fargate, ECR, ALB, Lambda, S3, CloudWatch), Docker, GitLab CI/CD, GitHub Actions