Hung Nguyen

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EXPERIENCE

Full-Stack Engineer   April 2025 – Present
Maison   Toronto, ON

- **Architected** and **developed** the entire platform from zero to production, serving thousands of agents, brokers, lenders, and industry partners with **Next.js**
- **Built** real-time communication systems enabling instant collaboration between professionals using **WebSocket** integration
- **Implemented** end-to-end payment infrastructure with **Stripe**, processing subscription billing and secure transactions
- **Designed** scalable database schemas with **Prisma ORM** and **PostgreSQL**, **handling** complex relationship networks across multiple user types.
- **Engineered** a multi-portal architecture supporting distinct user journeys while maintaining a unified codebase
- **Integrated AWS S3** for media management and **OAuth** for secure, seamless authentication flows.
- Wearing **multiple hats** across the entire technology stack - from UI/UX implementation to server infrastructure
- **Collaborating** directly with founders and stakeholders to translate business requirements into technical solutions.

Software Developer   Jan 2024 – Dec 2024
Ministry of Children, Community and Social Services   Toronto, ON

- **Enhanced Legacy System**: Maintained and upgraded a **VB.NET** application used by officers to manage disability applicant profiles, track details, and generate government documents; resolved bugs, optimized **SQL** queries and procedures, and developed new features to improve usability.
- **Developed Modern Web Application**: Designed and built a new web application to replace the legacy system, utilizing **Angular** for a dynamic front-end (displaying applicant data, adding case affidavits, and managing reimbursements) and **Java Spring Boot** for a robust back-end, with **Oracle SQL** for database management.
- **Improved Efficiency**: Reduced workflow delays by **25%** and boosted document loading speed by **30%** through system optimizations, enhancing officer productivity.
- **Advanced Features**: Created RESTful APIs and a dashboard, accelerating stakeholder decision-making by **40%** and streamlining case assignments from managers to officers.

EDUCATION

Software Engineering Technology | GPA: 4.4/4.5 | High Honours   Sep 2022 – April 2025
Centennial College   Toronto, ON

PROJECTS

- **Vibe - AI-Native Project Management | vibe.manhhung.app | 2025 - Present**
  Intelligent issue tracking platform with AI-powered insights and seamless collaboration. Features Kanban boards, smart thread summarization, duplicate detection, real-time multiplayer sync, and velocity analytics. Built for teams who ship fast.
- **b4zero - Startup Validation System | b4zero.vercel.app | 2025**
  Startup analysis platform through six verification stages. Transform start-up concepts into investor-ready propositions using deep intelligence patterns.
- **AI-Powered Stock Sentiment Dashboard** – *Python, Transformers, React*
  Aggregates financial news and social sentiment to score stocks in real time, helping beginner traders anticipate market trends and make informed decisions.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C#
Frameworks: Spring Boot, React, Angular, Node.js, Nest.JS, Next.js
Databases: MongoDB, MySQL, Prisma, PostgreSQL
Cloud & Tools: AWS, Azure, Git, CI/CD, Agile, Stripe