

# Manuel Gatchalian

## SOFTWARE ENGINEER

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## PROFILE

As a puzzle lover with a proactive personality, I see software engineering as the perfect playground for creativity and problem-solving. My curiosity began during the MySpace and Friendster era, where I experimented with HTML and CSS to personalize my profile designs. Whether it's a technical problem or a day-to-day workflow, I have a knack for spotting solutions—or even small improvements—that make things run smoother and more efficiently.

## EDUCATION

BrainStation | Diploma

Software Engineering

OCT 2024 - Present, TORONTO, CA

Far Eastern University |

Bachelor of Science

JUNE 2008 - JUNE 2012, PHILIPPINES

## TECHNICAL SKILLS

**Frontend:** React, Next.js, JavaScript, TypeScript, Material UI, Tailwind CSS, Zustand, Axios, HTML, CSS, SCSS, Figma, Jest (currently learning)

**Backend:** Node.js, Express.js, REST API, SSL, JWT, next-auth, HTTP, DOM, Express-validator, Nodemailer, [bcrypt.js](#),

**Database:** PostgreSQL, MySQL, SQL/NoSQL, Prisma, MongoDB, mongoose Supabase

**DevOps:** CI/CD, Heroku, Vercel, Netlify, Git version control

## PROJECTS

Software Engineer, DevOps | [YENGFLIX v3](#)

PERSONAL PROJECT | [Git Repo](#)

- Developed an end-to-end streaming web application using Next.js and PostgreSQL, with fully authenticated user accounts via next-auth.
- Built scalable RESTful APIs and integrated with cloud services for storage and deployment on **Vercel**
- Applied responsive design principles with **TailwindCSS** and reusable UI components
- Practiced Agile methodologies with Git and CI/CD for clean release cycles
- Wrote modular, maintainable code with version control and early testing strategies
- Managed state using **Zustand** and optimized user experience for 800+ registered global users

Software Engineer, DevOps | [NadaMart](#)

CAPSTONE PROJECT | [Git Repo](#)

- Designed and built an e-commerce/classifieds app using **React**, **Material UI**, and **Next.js**.
- Wrote RESTful API endpoints for web servers, **authentication**, **product listings**, and **chat messaging**.
- Developed database schema design and database querying
- Deployed to **Vercel** with a production-ready cloud infrastructure setup

Software Engineer, DevOps | Lululemon Locals

INDUSTRY PROJECT | [Git Repo](#)

- Collaborated in a one-week sprint to build a fitness community enterprise application using **React** and **Material UI**
- Wrote maintainable and testable code in line with team standards and business goals
- Participated in **Agile development methodologies** (code, review, daily standups, sprint planning, testing)
- Created responsive frontend components and contributed to UI/UX design decisions via **Figma**

## PROFESSIONAL EXPERIENCE | WORK HISTORY

Shipper/Receiver | Tradition Fine Foods

SEP 2018 - AUG 2024, SCARBOROUGH, ON

- Optimized inventory and shipping workflows, reducing fulfillment time by 50%
- Worked cross-functionally to maintain accurate logistics and records
- Operated WMS for real-time tracking and data reporting on shipment statuses
- Leveraged attention to detail and efficiency to streamline warehouse operations