Manuel Louie Gayao | Web Developer

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PROFILE

I am a versatile professional with 5+ years of cross-industry experience in e-commerce development, IT, manufacturing, hospitality, and customer service. I am passionate about leveraging technology to create impactful applications with modern designs that enhance user interaction and simplify user experience. Known for my creativity, problem-solving skills, and lifelong learning approach, I'm excited to contribute to developing cutting-edge, user-centric applications.

SKILLS

Programming Languages: JavaScript, SQL, C#, Python, Java
Web Technologies: React.js, Vue.js, HTML, CSS/Scss, Django, Entity/MVC Framework
Databases: MySQL, MSSQL, Neo4j, MsAccess, IBMDb2
Applications & Tools: CMS (Varstreet Backoffice), Microsoft 365, Azure Sandbox, G Suite by Google, IBM Cognos Analytics, Jupyter, Tableau
Project Management: Agile, Waterfall, Scrum, Kanban, Trello, Gantt Charts, BPM, DFD

PROJECTS

Developer | Traveler's Guide (Capstone Project)

Mar 2025, BrainStation

- A React-based Full-Stack application utilizing Google Gemini, Maps API, and Express.js for its REST API, designed to assist travellers in planning an itinerary. Deployed through Azure Static Web apps and Azure App Service
- Utilized SCSS, MaterialUI, and Framer Motion to create a modern minimalist design for simplicity and clarity

Lead Developer Intern | Concentration Card Game

Mar 2023, Untribe

- Wrote 90% of the front-end code of the project with React.js, CSS, HTML and other GRAND stack technologies
- Accomplished project goals on every sprint cycle by assigning sprint backlogs, setting coding standards and repositories, code reviews, and integration of various APIs and merging the team's code in Git and GitHub

Developer| Record Management System

Jan 2016 – Jun 2017, Municipal Government, Philippines

- End-to-end ownership of a full-stack web application using JavaEE technologies, MySQL database, JavaScript, and other web technologies deployed through an on-premise Windows server with Apache HTTP server for a local legislative government

EDUCATION

**BrainStation	Diploma, Software Engineering**	Jan 2025 - Mar 2025, New York, NY (Online)
**NPower Canada	Junior Data Analyst Program**	Jan 2022 – May 2022, Calgary, AB (Online)
**ComIT	React Development Certificate**	Jun 2020 – Sep 2020, Edmonton, AB (Online)
NAIT| Web Application Development Certificate	Dec 2019 – Mar 2020, Edmonton, AB
Saint Louis University| Bachelor of Science in Computer Science	Jun 2011 – May 2015, Philippines

EXPERIENCE

E-Commerce Specialist | Microserve

Jul 2022 – Present, Edmonton, AB

- Spearheaded rapid MVP development for e-commerce stores with custom HTML, CSS, and Javascript integration to our CMS platform, collaborating with vendors and partners for API integration, improving client satisfaction and reducing service downtime
- Developed process documentation with business process modelling (BPM) and data flow diagram (DFD), and led process enhancement initiatives, significantly improving team efficiency in client support and cross-department collaboration
- Optimized asset retirement and disposal using VBA macros, Python scripts, and 5s principles, increasing warehouse productivity by 70% under the asset recovery department

Surface Mount Technology Operator | LogiCan Technologies

Oct 2018 – Jul 2022, Edmonton, AB

- Led two SMT lines, provided troubleshooting expertise, and trained operators, ensuring smooth production and minimizing downtime.
- Volunteered as an IT technician in a company-led skills development program, identifying ERP and inventory system improvements that led to process revisions and enhanced operational efficiency