Manuel Louie Gayao | **Web Developer**

Versatile professional with over 5 years of cross-industry experience. Build impactful, user-friendly applications with modern and thoughtful design.

manuel.gayao@outlook.com | 780-266-2592
www.linkedin.com/in/manuellouiegayao
github.com/louieManuel238

SUMMARY OF QUALIFICATIONS

- 2+ years of experience in B2B e-commerce specializing in front-end development, CMS customization, merchandise management, and order processing
- 1+ years of experience in full-stack development with Java and JSP to support government offices in tracking and managing records and streamlining record-keeping
- 4 Years of experience in electronics manufacturing, leading and supporting teams and manufacturing processes; inventory management, product line assembly and IT support
- 7+ years of barista experience with a strong focus on customer satisfaction, efficiency, and beverage quality

WORK EXPERIENCE

E-Commerce Specialist
Jul 2022 – Present, Microserve, Edmonton, AB

- Spearheaded rapid MVP development for e-commerce stores through 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

Asset Recovery Technician
July 2022 – Sep 2022, Microserve, Edmonton, AB

- Optimized and streamlined asset retirement and disposal using VBA macros, Python scripts, and 5s principles, increasing warehouse productivity by 70% and a 100% wipeout of confidential information
- Communicate and collaborate with clients and project managers to resolve asset discrepancies

Surface Mount Technology Operator
Oct 2018 – July 2022 LogiCan Technologies | Edmonton

- Led two production lines, provided troubleshooting expertise, and trained operators, ensuring smooth production and minimizing downtime.
- Supported in IT management, and identified ERP and inventory system improvements

Developer Intern
Mar 2021 – Apr 2021 UnTribe | Edmonton (Remote)

- Wrote 90% of the front-end with React, JSX, CSS, and other GRAND stack technologies (GraphQL, React, Apollo, Neo4j database)
- Actively engaged in communicating, training, and leading the team to meet deadlines and project requirements successfully
- 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

Application Developer
Jan 2016 – Jun 2017 Local Government of Itogon |Philippines

- Successfully deployed a legislative tracking system; end-to-end ownership of a full-stack web application using Java Web technologies, Mysql database and JavaScript, following MVC and DAO patterns
- Demonstrated good rapport, engaged with clients, supported legislative teams and council on technical issues; set up, maintained, and administered computer systems, networks, and servers, resulting in a reliable system infrastructure
- Managed and documented assets including OPA, hardware, software, network, and system architecture; created an organized repository for more than 10,000 legislative files and IT assets

SKILLS

Programming Languages
JavaScript, Java, SQL, C#, Python

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

EDUCATION

Software Engineering Diploma
BrainStation | Jan 2025 - Mar 2025, (Remote)

Junior Data Analyst Program
NPower Canada |Jan 2022 – May 2022, (Remote)

React Development Certificate ComIT | Jun 2020 – Sep 2020, (Remote)

Web Application Development Certificate
NAIT| Dec 2019 – Mar 2020, Edmonton, AB

Bachelor of Science in Computer Science
Saint Louis University | Jun 2011 – May 2015, Philippines

PROJECTS

Traveler's Guide
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.

Concentration Card Game
Mar 2023, Untribe
An educational game using React, where players match image pairs and answer dynamic quizzes. Integrated GraphQL with Apollo and Neo4J for managing and retrieving quiz data

Record Management System
Jan 2016 – Jun 2017, Municipal Government, Philippines
End-to-end ownership of a full-stack web application using Java, JSP, MySQL database, JavaScript, and other web technologies deployed through an on-premise Windows server R2 with Apache HTTP server