

MHAR JADE B. ENARIO

Full-Stack Software Developer

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PROFESSIONAL SUMMARY

Full-stack developer who has shipped 10 production systems for universities, local government units, and businesses since 2022 — alongside completing a BSIT degree, graduating 2026. Most recently fine-tuned a custom AI model to power CharlieBot, a citizen-assistance chatbot built for Surigaonon, a low-resource Philippine language, and deployed it as a full RAG-based system for a local government client. Fullx stack across frontend (React, Vue), backend (Node.js, Laravel, Django), mobile (Flutter, React Native), and applied AI/automation (Hugging Face, RAG, n8n).

TECHNICAL SKILLS

Frontend: React, Vue, TypeScript, JavaScript

Backend: Node.js, Express, Laravel, PHP, Django

Mobile: Flutter, Dart, React Native, Swift

Databases: Supabase, PostgreSQL, MySQL, SQL

AI / ML: Python, Hugging Face, Ollama, RAG (Retrieval-Augmented Generation), OpenAI API

DevOps & Tools: Git, GitHub, Vercel, Railway, Docker

Testing & Code Quality: Vitest, PHPUnit, ESLint

Automation & Design: Figma, n8n, Zapier

WORK EXPERIENCE

Full-Stack Developer (OJT) — Surigao Local Government Unit (LGU)

February 2026 – May 2026 | Philippines

- Developed CharlieBot, a full-stack AI-powered citizen-assistance chatbot, working alongside LGU IT staff to align it with real service workflows.
- Built the Flutter application and Next.js backend APIs, integrating a custom knowledge-retrieval workflow with the OpenAI API.
- Trained a lightweight local language model on curated Surigaonon conversational data — a low-resource regional Philippine language — and served it locally via Ollama, connected to an OpenAI-powered RAG layer for grounded, accurate replies.
- Containerized the model-serving environment with Docker and exposed it through a Django API consumed by the Next.js backend.

Independent Full-Stack Developer — Freelance / Contract Projects

May 2022 – Present | Universities, Local Government Units, and Small Businesses | Remote

- Delivered 10 production web and mobile systems end-to-end — from requirements gathering and UI/UX design through development, QA, deployment, and post-launch support — for university, LGU, and small business clients.
- Built secure, role-based web applications using Laravel, Django, Express, and Next.js/React/Vue, with JWT/session-based authentication, CRUD workflows, and REST API integrations backed by MySQL/PostgreSQL and Supabase.
- Developed cross-platform mobile applications in Flutter and React Native with role-based access, QR code scanning, and real-time data sync; tested across a range of devices and OS versions to ensure release stability.
- Served as sole developer for multi-member capstone student teams — gathering requirements directly from each group, reconciling conflicting feedback across team members, and aligning technical scope with individual thesis objectives.

- Owned the client relationship end-to-end: discovery calls, Git/GitHub-based version control, progress demos, technical documentation, and post-launch maintenance across all projects.

AI & Workflow Automation

Feb 2024 – Mar 2026

- Designed and deployed automated workflows (n8n, Zapier) that reduced manual operational tasks for clients.
- Built custom Python scripts and REST API integrations to connect disparate tools and automate data transfer between systems.
- Consulted with clients to identify repetitive manual processes and delivered automation solutions that improved efficiency and reduced errors.

HIGHLIGHT PROJECTS

CharlieBot LGU — AI-Powered Citizen Assistant

Flutter, Next.js, Django, Docker, Python, Hugging Face, Ollama, RAG, OpenAI API

- Tackled a low-resource-language problem most tooling ignores — fine-tuned a custom model (Python, Hugging Face, Ollama) on hand-curated Surigaonon conversational data, then layered OpenAI-powered RAG retrieval on top so responses stayed accurate to real LGU services.
- Deployed to 600+ citizens across 35 departments and 21 LGU services, achieving 97% response accuracy — the first citizen-service chatbot built for a low-resource Philippine language.

Parking Hub — QR-Based Smart Parking

React Native, React, Express, Supabase, Railway

- Built a real-time dashboard and QR-scanning app that reduced entry and exit time by 70% and replaced four hours of daily paperwork with a 10-minute review.

SNSU iReserve — Facility & Equipment Scheduling

Laravel, Vue, Inertia.js, MySQL, PHPUnit

- Implemented conflict detection and multi-level approvals, eliminating double-bookings and reducing approval time from three days to under four hours.

AI Lead Qualification & Scoring Automation

n8n, Salesforce, OpenAI GPT-4

- Built an n8n workflow that pulls unscored leads from Salesforce via SOQL, scores each one with GPT-4 across industry, title, revenue, and lead source, then writes the score and Hot/Warm/Cold tier back to a custom Salesforce field automatically.
- Added validation and threshold-based routing so leads with missing data are skipped and logged, ensuring only qualifying leads trigger a Salesforce update — processing 150+ leads and saving the sales team roughly 5 hours per week of manual triage.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Information Technology — Surigao del Norte State University, 2021 – 2026

Claude Code in Action — Anthropic Education, March 2026 (verify.skilljar.com/c/bt6ohxngeezk)