

Vincent Howell M. Batula

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PROFESSIONAL SUMMARY

Magna Cum Laude Information Technology graduate specializing in Mobile and Web Applications, with hands-on experience in full-stack web and mobile development. Skilled in building responsive solutions (React, Node.js, Express.js, Flutter, Dart), structuring databases (MongoDB, MySQL), and architecting LLM-powered automated workflows and CRM pipelines (n8n, GoHighLevel, LLM API integrations (Claude, Codex, etc.)). Experienced in cross-functional collaboration to solve complex problems and deliver production-ready software. Combines strong software engineering fundamentals with modern automation and continuous technical growth.

TECHNICAL SKILLS

- **Developer Stack:** Python, Java, JavaScript, MERN Stack (MongoDB, Express.js, React, Node.js), HTML, CSS, Flutter, Dart, PHP.
- **Databases:** MySQL, MongoDB, Excel/Google Sheets, data structuring, basic query optimization.
- **Automation & CRM:** n8n, GoHighLevel, Firebase
- **System Administration:** Basic Linux and Windows Server operations, system configuration, software deployment, account management.
- **Tooling & Workflows:** GitHub, VS Code, Postman, AI-Augmented Development (Claude, Codex, Antigravity, & Hermes)

PROFESSIONAL EXPERIENCE

Application Developer Intern | Cerebro Solutions Inc. | November 2025 - April 2026

- Managed, refined, and structurally mapped client schools' student datasets across a large-scale platform migration, ensuring data integrity and zero data loss.
- Executed data validation and pipeline-hygiene routines on thousands of user records under tight deployment timelines.
- Contributed to mobile application enhancement and optimized user onboarding workflows within a Moodle-based Learning Management System (LMS).

KEY PROJECTS

Engenuity: AI-Powered Construction Firm Management System with Advanced Quotation and Client Project Monitoring | Capstone Project – Lead Developer | 2026

- Engineered the platform's core AI architecture, enabling the system to ingest architectural blueprints and fully automate material estimations and complex project quotations.
- Built the complete end-to-end web and mobile system (React, Node.js, Express.js) for real-time client-contractor project monitoring, deliverable tracking, and live metric dashboards.
- Integrated real-time audio/video streaming (Agora RTC SDK) and a bi-directional messaging pipeline (MERN stack, Socket.io, MongoDB) for client-contractor communication.

Meza Cafe Digital Suite: Cafe Operations & Booking Platform | Freelance Client Project | 2026

- Built a real-time POS system with a touch-optimized cashier interface for fast order-taking during peak operations
- Developed an admin dashboard covering sales analytics, menu management, and role-based access control
- Implemented recipe costing module with per-item margin tracking and ingredient-level cost breakdown
- Integrated inventory management with daily stock logging and variance reporting to track waste and usage
- Designed a public-facing landing page with event booking functionality and automated confirmation emails

Fluffy Care: Veterinary Clinic Management & E-Commerce Platform | Personal Project | 2026

- Engineered a full-scale web platform featuring an e-commerce pet store, real-time appointment booking, and an automated customer service chatbot.
- Built a comprehensive administrative dashboard to oversee product inventory, transaction processing, appointment scheduling, and patient medical records.
- Structured secure backend database models with role-based access control to streamline clinic workflows and client management.

EDUCATION & CERTIFICATIONS

National University Manila | Manila, Philippines | 2022 - 2026

Bachelor of Science in Information Technology – Specialization in Mobile and Web Applications

- Honors: Magna Cum Laude
- Consistent Dean's Lister

Certifications

- Google AI Skills Certification
- AWS AI Practitioner Challenge – Udacity