

John Florence R. Batol

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Technical Skills

Frontend: HTML, CSS, ReactJS/TypeScript, React Native Expo, NextJS, VueJS, Pinia, Zustand, TailwindCSS.
Backend: NestJS, NodeJS, ExpressJS, Laravel, PHP, MongoDB, MySQL, Postgres, RESTful, GraphQL APIs, Socket IO, Convex, Supabase, Firebase.
AI Tools: Cursor, Claude, GLM, Antigravity, Gemini, Qwen, OpenAI
Other Tools: VS Code, Figma, Postman, XAMPP, Ngrok, Docker, GitHub/Git, SQLyog, Bash Script

Professional Experience

Lead Software Engineer | *Cauld & Clark IT Solutions* January 2025 – Present

- Led the development of the applications using modern technologies including TypeScript, ReactJS, React Native, Expo, NextJS, NestJS, GraphQL, and MongoDB.
- Implemented client-requested features and maintained a large production codebase by fixing bugs and improving app performance.
- Contributed to the development of key projects including a chatbot system, a web-based POS, and cross-platform mobile applications, ensuring high performance and seamless user experience.

AI Frontend Engineer | *Accelerated Fleet Services* September 2025 - February 2026

- Led the frontend development and design of the company's marketing website and landing pages used for branding and client acquisition.
- Built key modules in the ServiceBay web app including Fleet Dispatcher, Service Orders, Parts Inventory, and Accounting and optimized the Service Order Tracker for customers.
- Contributed to the technician mobile app using React Native and Expo, improving real-time updates, task management, and overall field operations.

Software Developer | *Lee Systems Technology Ventures Inc.* June 2024 – December 2024

- Contributed to core systems like HRIS, POS, ESS Mobile, and Timeclock, using both frontend and backend technologies.
- Handled production maintenance, resolving bugs and delivering enhancements based on client feedback.
- Gained practical experience with tools such as SQLyog, Sequelize, Zustand, and MUI in real-world environments.

Software Developer & Designer | *Freelance* February 2023 - April 2024

- Built and deployed a full payroll system using React Native and Django tailored to client requirements.
- Designed an educational math game prototype in Figma, creating engaging UI/UX and gameplay mechanics.
- Delivered end-to-end freelance projects by gathering requirements, hitting milestones, and providing post-launch support.

Projects

ElectriVision | ReactJS, React Native, Expo, NodeJS/ExpressJS, MySQL

- Android-based **electrical issue reporting system** for Pamantasan ng Lungsod ng Valenzuela.
- Developed a web administrator dashboard and two **Android mobile applications** for reporters and maintenance staff. Integrated Geofencing and SMS notification

ClinicApp | TypeScript, React Native Expo, Zustand, NodeJS/ExpressJS, MySQL

- Android-based **clinic’s patients and appointments management system** for LSTV clinic.
- Had hands-on experience on real world app development and deployment by collaborating with DevOps.

SentiAI | NextJS, Chakra UI, NestJS, MongoDB, Apollo GraphQL

- Developed a **web-based mental health companion AI agent** designed to support users seeking help with their mental well-being.
- Integrated multiple text-generation AI models, including GPT, DeepSeek, and Gemini, and also implemented OAuth authentication using GitHub

Education

Bachelor of Science in Information Technology

Pamantasan ng Lungsod ng Valenzuela (PLV), Philippines

- Best in IT Student Internship**
- 2x Web Designing 2nd Placer**
- Dean’s Lister - 1.3 & 1.49 GWA**