Dexter Ian N. Javier

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Passionate Full-Stack Developer with experience in MERN stack, building web applications with clean architecture, high performance, and intuitive user experiences. Skilled in integrating AI and modern APIs to create smarter, adaptive applications. Committed to learning new technologies and applying best practices to build scalable, meaningful software and explore innovative solutions.

Experience

Stellarsat Solutions Inc., Data Analyst Intern
March 2025 - June 2025

- Analyzed large datasets from the cloud using Grafana to identify patterns and actionable insights.
- Integrated existing APIs into the company dashboard, enabling real-time visualization and monitoring of key metrics.
- Processed and managed millions of data points, ensuring accuracy, performance, and scalability of the analytics system.

AquaPonnect, Lead Developer & Embedded Systems Engineer
August 2024 - February 2025

- Solely developed an Android application and embedded systems for a real-time aquaponics monitoring and control system.
- Implemented seamless communication between sensors, actuators, and the mobile app, integrating cloud connectivity for real-time data.
- Enabled historical data tracking and role-based access control, providing users with actionable insights and secure system management.
- Delivered a fully end-to-end solution, handling both software and hardware development independently.
- Presented as the best capstone project.

Education

Polytechnic University of the Philippines
Bachelor of Science in Information Technology, October 2021 - October 2025

Skills

React, TypeScript, JavaScript, Express.js, Node.js, MongoDB, HTML, CSS, SQL, Git, GitHub, Firebase, API Development & Integration, Agile

Projects

TaskWise
 – Multi-Tenant SaaS Task Management Application

- Technologies: React (Vite), Tailwind CSS, Material-UI, Framer Motion, Node.js, Express, MongoDB, Socket.io, OpenAI API, Supabase, JWT, Redis, PayPal API
- Led development of a scalable, real-time task management platform supporting personal and team workflows, with role-based access control (Leader, Admin, Member).
- Built AI-powered features using OpenAI + Supabase vector store (RAG) for personalized task insights, context-aware chatbot assistance, and semantic FAQ search.
- Implemented real-time collaboration with Socket.io, including live task updates, comment notifications, and online presence tracking.
- Developed comprehensive dashboard for analytics: task status metrics, progress trends, calendar views, and focus-mode timers.
- Integrated subscription and monetization system via PayPal REST API, automated billing with NodeCron, and secure access control.
- Designed fully responsive UI with light/dark/system themes, modern animations, and smooth CRUD interactions.
- Handled end-to-end system integration, including authentication (JWT + Google OAuth2), caching with Redis, cloud image management (Cloudinary), and email notifications (Resend).
- Ensured historical logging and archiving, enabling users to track activity and retrieve past tasks safely.