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

- Lead the development of 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 realtime 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.
- 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
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 with role-based access (Leader, Admin, Member).
- Built AI features using OpenAI + Supabase (RAG) for personalized insights, context-aware chatbot assistance, and semantic FAQ search.
- Implemented real-time collaboration with Socket.io: live task updates, comments, and online presence tracking.
- Developed analytics dashboard: task metrics, progress trends, calendar views, and focus-mode timers.
- Integrated subscription system via PayPal API, automated billing with NodeCron, and secure authentication (JWT + Google OAuth2).
- Designed responsive UI with light/dark/system themes, modern animations, and smooth CRUD interactions.

- Managed infrastructure: caching (Redis), cloud image storage (Cloudinary), and email notifications (Resend).
- Enabled historical logging and archiving for safe activity tracking and task retrieval.

ApplAi – AI-Powered Job Application Tracker

React, Tailwind CSS, Node.js, PostgreSQL, OpenAI API, JWT

- Track applications and manage resumes with AI-assisted interview prep.
- Built AI features for tailored interview questions and role-specific guidance.
- Implemented secure authentication, CRUD operations, and responsive UI.