Dexter Ian N. Javier

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Full-stack developer skilled in TypeScript, JavaScript, React, Node.js (Express), PostgreSQL, and MongoDB. Builds scalable SaaS and real-time applications with strong UI/UX, cloud integration, and automated workflows. Passionate about AI-driven, multi-tenant systems and end-to-end deployment of modern web platforms.

Experience

Xecutely, Freelance Full-Stack Developer
November 2025 – Present
• Build production-ready full-stack applications for clients using React, TypeScript, Node.js, PostgreSQL, and Supabase.
• Design scalable architectures, deploy cloud-based systems, and deliver end-to-end web solutions with modern UI/UX.

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.

Capstone Project, Full-Stack App Developer & Embedded Systems Engineer
August 2024 - February 2025
• Implemented real-time cloud communication between sensors, actuators, and the mobile app.
• Recognized as the Best Capstone Project, showcasing innovation in IoT automation, sustainability, and system reliability.

Education

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

Skills

React, TypeScript, JavaScript (ES6+), Node.js (Express.js), PostgreSQL, MongoDB, Supabase, Firebase, RESTful APIs, API Development & Integration, WebSockets, Authentication (JWT, OAuth2), OpenAI API, PayPal API Integration, Retrieval-Augmented Generation (RAG), Cloud Deployment (Render, Railway, Vercel), Git, GitHub, HTML, CSS, UI/UX Design (Tailwind CSS, Material UI, Framer Motion), Agile Development, Real-time Systems

Projects

TaskWise – Multi-Tenant SaaS Task Management Application
React (Vite), JavaScript, Tailwind CSS, Material-UI, Framer Motion, Node.js, Express.js, MongoDB, Socket.io, OpenAI API, Supabase, JWT, Redis, PayPal API, Resend API
• Built a scalable multi-tenant SaaS with role-based access and real-time collaboration.
• Integrated AI chatbot + semantic search using RAG (OpenAI + Supabase).
• Implemented automated billing (PayPal + NodeCron) and onboarding emails (Resend).
• Added security with rate limiting, JWT + Google OAuth2, and audit logging.

WatchRoom – Real-Time Video Watch & Chat Platform
React (Vite), TypeScript, Tailwind CSS, Node.js, Express.js, PostgreSQL, Supabase, Mux, JWT, React Player
• Developed a platform for synchronized video watching and live chat under 100ms latency.
• Improved video performance with adaptive streaming (Mux) and optimized uploads.
• Built private/public rooms with secure access, moderation, and OAuth2-based login.
• Reduced server load by 60% through a non-synced streaming architecture.

ApplAi – Job Application Tracker
React (Vite), TypeScript, Tailwind CSS, Express.js, Node.js, PostgreSQL, OpenAI API, JWT
• Created a full-stack tracker for job applications with AI-powered interview prep.
• Implemented secure authentication, fast CRUD operations, and a modern responsive UI.

Portfolio Website - Personal Full-Stack Web App
React (Vite), TypeScript, Tailwind CSS, Node.js (Express), Supabase, OpenAI API, Retrieval-Augmented Generation (RAG)
• Built a full-stack portfolio with an interactive AI assistant using RAG for contextual responses.
• Designed an animated, responsive, SEO-friendly project showcase.