



DEXTER JOHN P. PERDIDO

Web & Mobile Developer

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SUMMARY

Computer Engineer with hands-on experience in IoT systems, full-stack web and mobile development, and automation. Specialized in building innovative solutions for smart agriculture, renewable energy, and data management, including hydroponics automation, GIS-based energy mapping, and offline-first survey platforms. Skilled in React, React Native, Node.js, Express.js, MongoDB, and MQTT, with proven ability to deliver research-driven and production-ready applications.

EDUCATION

Bachelor of Science in Computer Engineering

Aug 2020 - Jul 2024

Mariano Marcos State University

Batac City, Ilocos Norte

WORK EXPERIENCE

Mariano Marcos State University - Affiliated Renewable Energy Center

Oct 2024 - Present

Science Research Analyst

- Developed a web application for hydroponics automation, enabling efficient monitoring and control of indoor lettuce production.
- Designed and launched the CARES offline survey app with offline-first architecture and data synchronization.
- Developed and deployed the ARECGIS mobile app, published on the App Store for iOS and made available for Android users through the ARECGIS web app, supporting nationwide renewable energy data collection and mapping.

Tayawa Tolentino CPAs and Company

Jul 2023 - Aug 2023

Intern

- Developed internal portal using PHP, JavaScript, and MySQL with 6 modules for document tracking and task management.
- Built and deployed responsive WordPress company website to enhance digital presence and client engagement
- Configured production environment on Hostinger with DNS, FTP, and MySQL achieving 100% uptime

TECHNICAL SKILLS

- Frontend:** React, React Native, Next.js, Typescript, HTML/CSS, Tailwind CSS, Material UI
- Backend:** Node.js, Express.js, PHP, REST APIs
- Database:** MongoDB, MySQL, Firebase, Supabase
- DevOps & Cloud:** Docker, Vite, Expo Application Services, Git, Vercel
- AI Tools:** Cursor Pro, ChatGPT, Claude