

Manuel John L. Dalacan

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WORK EXPERIENCE

Advanced World Solutions, Inc.

Web Development Intern

Jan – Apr 2025 (512 hours)

Alabang, Muntinlupa, NCR

- A Philippine-based offshore R&D division of a joint venture between IBM Japan and Toshiba TEC, with over 800 professionals and 30+ years in the IT industry.
- **Stack:** TypeScript (React), Node.js (Next.js), MongoDB, AWS, (MERN)
- Core responsibilities
 - Built features for internal web apps based on technical documentation.
 - Developed responsive components from Figma using React and Bootstrap.
 - Connected UIs to RESTful APIs with Axios; tested with Postman.
 - Created user manuals and technical documents for internal deployment.

PROJECTS

Records Management System for Bantali Optical Clinic

Thesis Project | Capstone

- A records management system supporting patient visits, prescriptions, appointments, and inventory.
- Team Size: 6 | Role: Lead Developer
- **Stack:** JavaScript (React), Node.js (Express JS), PostgreSQL, (PERN)
- Core responsibilities
 - Designed and built the full-stack architecture from scratch.
 - Developed responsive UI using React + Tailwind.
 - Created RESTful API endpoints with Express + PostgreSQL.
 - Performed integration, debugging, and endpoint testing using Axios and Postman.

EDUCATION

Bachelor of Science in Information Technology

2020 - 2025

Benguet State University, La Trinidad, Benguet

SKILLS & INTERESTS

- **Technologies:**
 - **Front-End:** JavaScript (React), Tailwind CSS, Bootstrap, Redux, Next.js, Astro.js
 - **Back-End:** Node.js, Express.js, Nest.js
 - **Tools:** Git, Linux, Postman, VS Code
- **Skills:** Analytical thinking, logical reasoning, effective communication
- **Interests:** Long walks, books, video games, chess, jazz & hip-hop music, movies