

Alan B. Manabat Jr.

Pasig City, Philippines | 09457406036 | [Portfolio](#) | alanmanabat@gmail.com | [in/alan-manabat-jr](#) | [gh/Jeonjown](#)

EDUCATION

Rizal Technological University (Main) <i>Bachelor of Science in Information and Technology</i> <ul style="list-style-type: none">Cum Laude - GWA: 1.44	Boni Avenue, Mandaluyong 2021 - 2025
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EXPERIENCE

SEO Web Developer Intern <i>Staff Domain</i> <ul style="list-style-type: none">Built custom frontend UI components using JavaScript to extend or replace existing WordPress widgets, enhancing site functionality and user experience.Conducted comprehensive site health audits using SEMrush, maintaining a 90%+ SEO score.Performed in-depth SEO keyword research to drive organic traffic and improve search engine rankings.	Aug 2024 – Dec 2024 <i>Ortigas, Pasig</i>
IT Support Specialist Intern <i>Rizal Technological University (Main) - Management Information System Office</i> <ul style="list-style-type: none">Assess and troubleshoot computer problems brought by students, faculty and staff.Managed network tasks, including configuring and maintaining routers and switches to ensure reliable connectivity during events.Assisted in deploying new computers in the engineering building, installing software and optimizing system performance.	Jan 2024 – March 2024 <i>Boni, Mandaluyong</i>

PROJECTS

Triple Z: Event Reservation System <i>React, NodeJS, ExpressJS, MongoDB</i> <ul style="list-style-type: none">Led a team of five, authored the Triple Z Coffee Shop capstone project, and published it under IPOPHL copyright (Certificate).Implemented booking calendar, package selection, secure PayMongo payments, and menu image hosting via Google Cloud Storage.Built admin dashboard with metrics, real-time notifications (Firebase), and customer support through WebSockets.	GitHub Live Demo
TechHaven: Online Retail Platform <i>React, Node.js, ExpressJS, MySQL</i> <ul style="list-style-type: none">Built a full-stack e-commerce platform with product browsing, search, cart, admin dashboard, and Stripe checkout.Managed product images via Cloudinary for optimized delivery and scalability.Implemented JWT authentication, role-based admin controls, tested with Jest/Supertest, and set up CI/CD with GitHub Actions.	GitHub Live Demo
Epub Reader Tool <i>React, Tailwind, Dictionary API</i> <ul style="list-style-type: none">Built a custom Epub reader web application for personal use, making digital book reading more enjoyable and convenient.Implemented chapter navigation, adjustable text settings, and bookmarking for a personalized and flexible reading flow.Integrated a Dictionary API to enable instant word lookup by simply highlighting words within an Epub.	GitHub Live Demo

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3
Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, Zustand, ShadCN/UI, TanStack Query v5
Databases: MySQL, MongoDB, Mongoose
Tools & Platforms: Git, GitHub, Github Actions, VS Code, Postman, Jest, Supertest, JWT, WebSockets, Google Cloud Platform

CERTIFICATIONS

Web Development: Building a Powerful and Successful Career <i>RTU – College of Engineering and Architecture</i>	2024
User Interface PH <i>UP Los Baños</i>	2023