

RONNIE TALABUCON JR.

Iloilo City, Province of Iloilo, PH 5000 - 09762520833 – ron.talabuconjr.dev@gmail.com

PROFESSIONAL SUMMARY

Computer Science graduate with strong foundations in JavaScript, TypeScript, and full-stack web development. Experienced in building modern web apps, REST APIs, and SPAs using React, Node.js, and SQL-based backends.

EDUCATION

Bachelor of Science in Computer Science - Central Philippine University, Iloilo City, Philippines (2021-2025)

EXPERIENCE

Project Leader and Game Designer – Danger Zone (Thesis Project)

- Led the end-to-end design and development of a 3D survival simulation game using a cross-functional team, aligning gameplay with the Disaster Risk Reduction curriculum through collaboration with educators.
- Utilized **Unity Game Engine** with **C#** and integrated **Firebase Realtime Database** to develop core gameplay systems and enable dynamic data handling, including real-time scores, progress tracking, and performance analytics.

Backend Developer Intern – Department of Budget and Management Central Office (February 2025 - May 2025)

- Assisted in backend development under the **Information and Communications Technology Systems Service (ICTSS)**, contributing to internal government systems and data platforms.
- Designed and maintained SQL databases to support large-scale data management, particularly for LGU datasets involving over 42,000 barangays.
- Developed REST APIs in Java and created Python-based automation tools to streamline email alerts, Excel processing, and data uploads.
- Contributed to the **National Tax Allotment** and **National Wealth** dashboards by handling backend data integration and improving upload efficiency.
- Completed full API implementation with proper documentation, enhancing system maintainability and backend scalability.

PROJECTS

GetMeHired (Full Stack Web App) – AI-powered Job Application Tracker and Resume Generator

- Built SPA with user authentication, profile editor, and job tracking dashboard.
- Integrated **OpenAI API** to auto-generate tailored resumes and cover letters.
- Designed responsive frontend using **React + Tailwind**; backend with **Supabase**, deployed with **Vercel**.
 - Tech Stack: React, Typescript, Supabase, Tailwind CSS, Vercel, OpenAI API.

TDEE Calculator API (Published on RapidAPI) – REST API for fitness and energy expenditure calculation

- Built and deployed a **REST API** that uses the Mifflin St. Jeor Formula to calculate Daily Energy Expenditure.
 - Tech Stack: Node.js, Express, Railway.

Baptismal Records Manager (Desktop App) – Offline CRUD system for Parish Record Management

- Developed multi-user desktop app with SQLite backend and secure login.
- Features include record management, certificate generation, and backups.
 - Tech Stack: Tauri, React, Typescript, SQLite, Prisma.

SKILLS

Languages: Javascript, Typescript, Python, SQL, Java, C#, PHP

Frameworks/Libraries: React, Express, .NET, Tailwind CSS, Bootstrap

Tools: Node.js, Supabase, SQL Server, MySQL, Git, Postman