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PROFESSIONAL SUMMARY

Full-stack Developer and Computer Science graduate with strong foundations in JavaScript, TypeScript, and modern web technologies. Experienced in building scalable applications using React, Node.js, and SQL-based backends, as well as developing cross-platform desktop apps with Tauri. Skilled in integrating AI/ML (custom LLMs, vector databases, RAG techniques) to create intelligent applications. Passionate about user-focused solutions, performance optimization, and system architecture.

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 design and development of a 3D Disaster Simulation game in Unity with C#.
- Integrated Firebase for real-time scoring, tracking, and analytics.
- Collaborated with educators to align gameplay with Disaster Risk Reduction Curriculum.

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

- Contributed to backend development under the **Information and Communications Technology Systems Service (ICTSS)**, supporting large-scale government data systems.
- Designed and maintained SQL databases, particularly for LGU datasets involving over 42,000 barangays.
- Developed REST APIs in Java and Python-based automation tools to streamline email alerts, Excel processing, and data uploads.
- Enhanced backend integration for the National Tax Allotment and National Wealth Dashboards.

PROJECTS

Momentum AI Suite (Desktop Application) – In Development
- AI-powered productivity ecosystem with task, habit, nutrition, fitness, and finance management.
  - **Tech Stack**: React, Node.js, Typescript, Tauri, Rust, Llama3.1 Model

GetMeHired (Web Application) – Live
- AI-powered job application tracker with Resume/Cover Letter Writer.
  - **Tech Stack**: React, Node.js, Typescript, Supabase, n8n, OpenAI API

CPU Exam Schedule Finder (Web Application) – Live
- Web App for searching student exam schedules using structured Class and Exam Data.
  - **Tech Stack**: React, Node.js, Typescript, Supabase, Express (Hosted on Render)

Baptism Records Manager (Desktop Application) – Production
- Offline-first Desktop CRUD system for Local Parish Records with Role-based access and File Backup System.
  - **Tech Stack**: React, Tauri V2, Typescript, Rust, SQLite

SKILLS

Languages: Javascript, Typescript, Python, SQL, Java, C#, Rust
Frameworks/Libraries: React, Express, .NET, Tailwind CSS
Tools & Platforms: Node.js, Supabase, SQL Server, MySQL, Git, Docker, Postman, Tauri, Ollama
AI/ML: OpenAI API, Llama 3, HuggingFace, Vector Databases