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Education

Far Eastern University Institute of Technology — Sampaloc, Manila
BS in Information Technology (Web and Mobile) — Expected Graduation: August 2027

Technical Skills

Programming: PHP, Java, Kotlin, Swift, C++, JavaScript, HTML5/CSS3
Frameworks & Libraries: Laravel, CodeIgniter, SvelteKit, WordPress Core Architecture
Databases & Deployments: MySQL, PostgreSQL, Relational Schema Design, Railway, Render, Vercel, cPanel, GitHub Pages, Cloudflare Workers
Core Competencies: RESTful API Architecture, Cross-Platform Mobile Dev, Backend Architecture, Git/GitHub

Relevant Experience

TRIPPLE Z International LLC — Wyoming, United States
Remote Software Engineer — Dec. 2023 - Jan. 2024

- Architected and deployed an administrative management plugin from scratch using PHP, JavaScript, and MySQL to streamline operational workflows.
- Engineered custom relational database tables and query logic to integrate features directly into existing site architecture without performance trade-offs.
- Handled full client lifecycle delivery: scoped technical requirements, translated business logic into backend endpoints, and deployed production code.

Featured Projects

SceneSync: Cross-Platform Movie Discovery & Playback Tracker
Tech Stack: PHP (Laravel), PostgreSQL (Supabase), REST, TMDB API, SvelteKit, Railway

- Designed a centralized REST API backend using PHP (Laravel) and PostgreSQL (Supabase) deployed on Railway to serve real-time movie and playback data.
- Engineered a reactive, responsive web app using SvelteKit to seamlessly track watchlists and real-time playback progress.
- Integrated the TMDB API using Laravel Cache and indexed PostgreSQL queries to eliminate redundant external calls and speed up load times.

VisuAll (TecHood) | Co-Founder & Lead Engineer (FTIC Incubator)
Tech Stack: PHP (Laravel), FilamentPHP, PostgreSQL (Supabase), REST, Swift (iOS), Kotlin (Android), HTML5/CSS3/JS, Render

- Developed native mobile clients in Swift (iOS) and Kotlin (Android) using OS-level accessibility APIs and display matrices for real-time color remapping.
- Deployed a scalable REST API on Render using PHP (Laravel) and PostgreSQL (Supabase) to manage user profiles, cross-device settings sync, and diagnostic telemetry.
- Built a responsive static web landing page using semantic HTML5, CSS3, and JavaScript for product presentation and onboarding.

Technical Honors & Competitive Programming

- **International Robotics Awards:** Bronze Medalist – 19th WARC China (2019); Technical Awardee – International Robot Olympiad (2018).
- **National Robotics Awards:** 2nd Place – VEX Robotics (2022); Champion – PRO Virtual Challenge (2020); Champion – PREO (2018).