JOVEN ANDREI LAGAHIT
Software Developer

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ABOUT ME

Passionate full-stack developer with hands-on experience in building scalable, real-world web and desktop applications. Strong in API integration, data visualization, and system design. Currently seeking opportunities to apply technical skills in impactful software development roles.

EDUCATION

Mindoro State University | 2021-2025
Bachelor of Science in Information Technology

EXPERIENCE

Freelance Software Developer   Self-Employed / Independent Contractor | Jan 2022 - 2025

- Delivered high-quality software solutions on time and within budget.
- Developed scalable applications that supported business growth, including a Multi-Tenant Crop Farm Management System, HRIS with Biometric Integration, Payroll System, Cemetery Management System, and Alumni Tracker.
- Utilized cutting-edge technologies such as Laravel, Vue.js, .NET Core, and REST APIs to enhance system performance and user experience.
- Collaborated with clients to understand requirements and provide continuous improvements across full-stack solutions.

SKILLS

- Programming Languages: PHP, JavaScript, C#, SQL, Python
- Frameworks & Libraries: Laravel, Vue.js, React.js, ASP.NET, Inertia.js, Tailwind CSS
- Databases: MySQL, SQL Server
- Tools & Technologies: Git, REST APIs, AJAX, Google Maps API, OpenWeather API, Gemini API, Crystal Reports
- Development Concepts: MVC Architecture, API Integration, Full-Stack Development

PROJECTS

Multi-Tenant Crop Farm Management System - PHP, AJAX, MySQL, Gemini API, OpenWeather API, Google Maps API

https://github.com/Antrax-Inhaler/-PHP--Multi-Tenant-Crop-Farm-Management-System-with-Integrated-Analytics-and-Mapping-Features

- Challenge: Develop a scalable system supporting multiple user types in the agriculture sector.
- Action: Designed and implemented a multi-tenant web platform with four separate portals (Buyer, Farmer, Manager, Admin). Integrated Gemini API for AI-driven crop analysis and OpenWeather API for real-time forecasting. Leveraged AJAX for dynamic data updates and Google Maps API to display farm locations.

- Result: Enabled smart decision-making for crop planning and purchasing with real-time insights and geolocation features, improving user engagement and system efficiency.

Payroll System - C#, .NET MVC, SQL Server, Crystal Reports
https://github.com/Antrax-Inhaler/Payroll-Management-System---C-.net

- Challenge: Build a reliable payroll system for accurate employee compensation.
- Action: Developed a payroll system using C# .NET MVC, handling salary computation, tax deductions, and leave balances. Integrated employee data management and generated payslips using Crystal Reports.
- Result: Improved payroll accuracy and reduced processing time by 70% through automation of manual tasks.

Integrated HRIS with Payroll, Biometric Attendance, and Recruitment Portal Laravel, JavaScript (AJAX), MySQL, REST API
https://github.com/Antrax-Inhaler/Integrated-HRIS-with-Multi-Payroll-Processing-Biometric-Attendance-and-Recruitment-Portal

- Challenge: Consolidate HR, payroll, attendance, and recruitment in a single system.
- Action: Built a unified HR platform supporting multi-type payroll processing (regular, contractual, job order), integrated fingerprint biometric devices for attendance tracking, and implemented a job portal with automatic PDS generation. Used AJAX for real-time updates.
- Result: Streamlined HR operations and reduced administrative overhead by 60% while improving employee data accuracy.

Interactive Cemetery Management System - Laravel, JavaScript, Google Calendar API, CSS3, REST API
https://github.com/Antrax-Inhaler/Interactive-Cemetery-Management-System-with-Plot-Reservation-and-Appointment-Scheduling-Laravel-

- Challenge: Modernize cemetery record-keeping and booking processes.
- Action: Developed a user-friendly system with interactive map layout for plots, built with JavaScript and CSS3. Implemented plot reservations, appointment scheduling, and cemetery block management. Integrated Google Calendar API for synchronized appointment handling.
- Result: Increased transparency and reduced booking conflicts, streamlining management for administrators and users.

Alumni Tracker with Social Media and Visualization System - Laravel, Vue.js, Inertia.js, REST API, Google Maps API, MySQL
https://github.com/Antrax-Inhaler/eTraCCS_Alumni

- Challenge: Connect alumni and track their career paths and locations.
- Action: Created a social web platform using Laravel, Vue.js, and Inertia.js. Implemented API versioning, a RESTful architecture, and Google Maps API for visual tracking.
- Result: Enhanced alumni engagement and streamlined communication across batches while providing geographical insights into alumni distribution.

GitHub

https://github.com/Antrax-Inhaler