

EMMANUEL P. BARRAMEDA

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PROFILE

Specializing in Backend Development with 3 years of hands-on experience developing web-based systems using Laravel, Symfony, and FilamentPHP, with background on RESTful API development, MySQL database management, and Git version control for collaboration. Contributed to open-source FilamentPHP plugins and Led the development of our award-winning capstone project, demonstrating expertise in structured code, architecture, and maintainable systems. Passionate about performance optimization and best practices. Brings an additional 4 years of experience in Java desktop application development, handling end-to-end delivery, from system development to deployment and maintenance.

TECHNICAL SKILLS

Core Backend Skills: PHP, Laravel (LAMP & TALL Stack), Symfony, Java, RESTful APIs, MySQL
Frameworks & Technologies: Laravel, FilamentPHP, Node.js, Quasar Framework, Astro Web Framework
Frontend & UI: HTML/CSS, Bootstrap, Tailwind CSS, JavaScript, jQuery, Vue.js
Development & DevOps: Git, GitHub, BitBucket, Postman, XAMPP/WAMP
Also Familiar With: VB.Net, C#, C++, Android Studio, NetBeans, IntelliJ IDEA, Eclipse, Docker, PHPUnit

DEVELOPMENT EXPERIENCE

Backend Developer Intern February 2025 – April 2025
Bappliance Technologies, Inc. Mandaluyong City, Philippines

- Developed RESTful APIs using PHP Symfony, implementing best practices for structure and maintainability.
- Implemented structured API with timestamps, soft deletes, and exception handling, improving data integrity issues.
- Delivered multiple modules for the HRP-API platform, ensuring smooth system integration.
- Created and ran test cases with PHPUnit, improving code quality and security.

Freelance Developer June 2020 – January 2025
Remote

- Developed and delivered programming related projects, activities, and capstone systems.
- Delivered a desktop-based employee management system for the Headquarters Service Support Group (HSSG) of the Philippine Air Force, featuring role-based access control and reporting functionality.
- Created a Web-based Student Internship System for the University of Rizal System, which was used by students as testers.

DEVELOPMENT KEY PROJECTS

HRP-API (Internship Project) | *Symfony PHP, Quasar* January 2025 – April 2025

- Built structured RESTful APIs with PHP Symfony as a Backend Developer Intern. Implemented timestamps, soft deletes, and exception handling. Delivered key modules and ensured code quality through PHPUnit testing.

MMC MIS (Capstone Project) | *PHP, Laravel, FilamentPHP, MySQL* September 2023 – March 2025

- Developed a Management Information System for Mabuhay Methodist Church to streamline admin workflows and reduce workload.
- Led the project team and served as project manager and lead developer.
- Awarded as **Best Software Developmental Study** during the 18th Research Congress.

Filament-scaffold (Open-source contribution) | *Laravel, FilamentPHP* August 2024 – November 2024

- Contributed to Filament-scaffold, an open-source library for automating resource generation in Filament Admin.
- Enabled the automatic creation of models, migrations, forms, and table views based on database structure.

GIT-RAWify (Personal Project) | *HTML, CSS, JavaScript* April 2022 – June 2022

- Developed a web application that simplifies the process of converting a GitHub normal link to a GitHub raw link.

LEADERSHIP AND ORGANIZATIONAL EXPERIENCE

University Academic Organizations & Commission on Elections Aug 2022 – Jun 2025
University of Rizal System - Binangonan Campus

- President, BSIT Students' League (Aug 2024 – Jun 2025): Led the organization and boosted IT students participation.
- Public Information Officer, URSB Graduating Class 2025 (Feb 2025 – Jun 2025): Designed publication materials.
- Member, URS Binangonan Electoral Tribunal (Aug 2024 – Jun 2025): Conducted interviews and created publication materials.
- Vice President, BSIT Students' League (Aug 2023 – Jun 2024): Planned organization activities and handled organizational order.
- Deputy, BSIT Students' League (Aug 2022 – Jun 2023): Assisted with organizational tasks and leadership.

EDUCATION

University of Rizal System Binangonan, Rizal
Bachelor of Science in Information Technology August 2022 – June 2025

East Systems Colleges of Rizal Morong, Rizal
Bachelor of Science in Information Technology October 2020 – June 2022