

EMMANUEL P. BARRAMEDA

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PROFILE

Recent IT graduate specializing in back-end development, with 4 years of experience in desktop and 3 years in web development. Initially focused on Java, now working with the LAMP and TALL stacks using Laravel and Symfony as back-end frameworks. Became interested in programming at age 16 and continue learning today. Proven ability in project management, leadership, freelancing, and mentoring. Innovative and dedicated in every project development.

TECHNICAL SKILLS

Core Backend Skills: PHP, Laravel (LAMP & TALL Stack), Symfony, RESTful APIs, MySQL, Git

Frameworks & Technologies: Laravel, FilamentPHP, Node.js

Frontend & UI: JavaScript, jQuery, HTML/CSS, Bootstrap, Tailwind CSS

Development & DevOps: GitHub, Postman, XAMPP/WAMP

Also Familiar With: Java, VB.Net, C, C#, C++, Android Studio, NetBeans, IntelliJ IDEA, Eclipse, Docker, PHPUnit

DEVELOPMENT EXPERIENCE

Backend Developer Intern

Bapplware Technologies, Inc.

February 2025 – April 2025

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

Remote

June 2020 – January 2025

- Developed and delivered programming 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 an 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) | *LAMP/TALL Stack PHP, MySQL, Laravel*

September 2023 – April 2025

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

Filament-scaffold (Open-source contribution) | *TALL Stack PHP, Filament*

August 2024 – November 2024

- Contributed to Filament-scaffold, a 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

Bachelor of Science in Information Technology

Binangonan, Rizal

August 2022 – June 2025

East Systems Colleges of Rizal

Bachelor of Science in Information Technology

Morong, Rizal

October 2020 – June 2022