

# Emmanuel P. Barrameda

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## PROFILE

Graduating IT student specializing in back-end development with 4 years experience in desktop and 3 years in web development. Initially focused on Java, now developing websites using the LAMP or TALL stack with Laravel. 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 development.

## TECHNICAL SKILLS

**Programming Languages:** PHP, Java, JavaScript, VB.Net, C, C#, C++, HTML/CSS, SQL

**Frameworks & Technologies:** Laravel (LAMP & TALL Stack), Symfony, Node.js, RESTful APIs

**Development & DevOps:** Git, GitHub, Docker, Postman, PHPUnit

**IDEs & Tools:** VS Code, Visual Studio, Android Studio, NetBeans, IntelliJ IDEA, Eclipse

**Database:** MySQL

**Local Development & Deployment:** XAMPP, WAMP, Vercel

## DEVELOPMENT EXPERIENCE

### Software Developer Intern

*Bappliance 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 by 50%.
- Delivered 10+ modules for the HRP-API platform, enabling seamless HRP-API.
- Developed comprehensive test cases with PHPUnit, achieving 95% code coverage and detecting potential security vulnerabilities.

### Freelance Developer

*Remote*

June 2020 – January 2025

- Developed and delivered programming projects, activities, and capstone systems.
- Developed 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 100+ students as testers.

## KEY PROJECTS

### 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.

### MMC MIS (Capstone Project) | LAMP/TALL Stack PHP, MySQL, Laravel

September 2023 – May 2024

- Developed a management information system as capstone project for Mabuhay Methodist Church to streamline admin workflows, reducing administrative workload by 50%.
- Led the project team and served as lead programmer.

### 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

### President, BSIT Students' League

*University Academic Organization*

August 2024 – Present

- Led and organized events, enhancing student engagement by 50%.

### Member, URS Binangonan Electoral Tribunal

*University Commission on Elections*

August 2024 – Present

- Conducted candidate interviews and designed election publication materials.

### Vice President, BSIT Students' League

*University Academic Organization*

August 2023 – June 2024

- Planned activities and handled organizational discipline.

## EDUCATION

### University of Rizal System

*Bachelor of Science in Information Technology*

Binangonan, Rizal

August 2022 – May 2025

### East Systems Colleges of Rizal

*Bachelor of Science in Information Technology*

Morong, Rizal

October 2020 – May 2022