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   February 2025 – April 2025
Bapplware 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 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.

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.
- 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   August 2024 – Present
University Academic Organization
- Led and organized events that increased student participation in organizational activities.

Member, URS Binangonan Electoral Tribunal   August 2024 – Present
University Commission on Elections
- Conducted candidate interviews and designed election publication materials.

Vice President, BSIT Students' League   August 2023 – June 2024
University Academic Organization
- Planned activities and handled organizational discipline.

EDUCATION

University of Rizal System   Binangonan, Rizal
Bachelor of Science in Information Technology   *August 2022 – May 2025*
East Systems Colleges of Rizal   Morong, Rizal
Bachelor of Science in Information Technology   *October 2020 – May 2022*