

Micah Charles B. Mustaham

SOFTWARE DEVELOPER | Zamboanga City, Philippines

Portfolio: micahchrls.vercel.app | LinkedIn: <https://www.linkedin.com/in/micah-mustaham> | Github: <https://github.com/micahchrls>

Professional Summary

Experienced Backend Engineer with over three years of hands-on development using **PHP** and **Laravel**, with strong expertise in **SQL** and relational database management systems including **MySQL** and **PostgreSQL**. Adept at designing scalable **APIs**, optimizing complex queries, and leading backend solutions across healthcare and education sectors. Proven success in legacy system migrations and integrating third-party data sources. Passionate about clean, maintainable code and continuous learning.

Skills Summary

- Backend: **PHP (Laravel)**, **Python (FastAPI, Django)**, **C++**
- Database: **MySQL**, **PostgreSQL**, **SQL Server (basic exposure)**, **Prisma**, **Eloquent ORM**
- Frontend: **JavaScript**, **TypeScript**, **React.js**, **HTML/CSS**, **Bootstrap**, **jQuery**
- Hosting/Deployment: **Hostinger**, **Laravel Cloud**, **Vercel**
- AI Tools & APIs: **Claude**, **Gemini AI API**, **OpenAI API**, **Hugging Face**
- Tools: **Git**, **GitHub**, **VS Code**, **DataGrip**, **PyCharm**, **Postman**
- Specialties: **API Development**, **Data Migration**, **Database Optimization**, **Scalable Architecture**, **Agile Collaboration**
- Soft Skills: **Communication**, **Mentorship**, **Independent Task Execution**, **Attention to Detail**

Experience

Backend Developer

ZAMBOANGA CITY MEDICAL CENTER | Contract

Zamboanga, PH

June 2024 - Present

- Developed **Laravel-based APIs** for a hospital Purchase Request Monitoring System, enhancing procurement transparency and streamlining the approval process.
- Led the integration of PNPKI digital signatures by developing **Laravel** backend **APIs** and a **FastAPI** microservice for secure, scalable digital document signing.
- Contributed to the development of a User Management Information System and **optimized** the Reports module (DTR, leave reports) by implementing **query caching** and improving database performance using **Laravel Eloquent**.
- Part of the development team for the Annual Operation Plan system, building **RESTful APIs** with **Laravel** and optimizing database queries using **Eloquent ORM**.

Part-Time College Professor

ATENEO DE ZAMBOANGA UNIVERSITY | Part-Time

Zamboanga, PH

August 2023 - Present

- Teach foundational programming, object-oriented programming (OOP), and core computer science subjects to CS, IT and Computer Engineering students.
- Provide mentorship and practical coding experience through hands-on teaching of software development practices.

System Developer

ATENEO DE ZAMBOANGA UNIVERSITY | Contract
2024

Zamboanga, PH

January 2023 – June

- Maintained a legacy university portal using vanilla **PHP**, **MySQL**, and **Bootstrap**, and developed the DTR Reports module with raw database queries.
- Designed and deployed full-stack applications, including a Procurement System for the university developed with **PHP**, **Bootstrap**, **Ajax(Jquery)**, and **MySQL**, streamlining the manual procurement process..
- Provided technical support and training to users on newly implemented systems and facilitated smooth adoption.

Freelance Software Developer

FIVERR | Freelance
2024

Zamboanga, PH

January 2023 – June

- Specialize in **C++** projects, debugging and optimizing web applications built with **Django** and **Laravel**.
- Developed a web application ordering system for a pizza company using **Django** and **Bootstrap**, improving customer order management.
- Developed clean, responsive portfolio websites using **HTML**, **CSS**, and **JavaScript**, delivering solutions to a global client base.

Dev Intern

SYMPH | Internship

Zamboanga, PH

April 2021 – June 2021

- Contributed to data-centric features on **React/Node** apps for external clients.
- Used **GitHub** for code collaboration and participated in agile sprints.

Projects

CentroSys: Pharmacy Sales and Inventory System

- Developed a full-stack web application to digitize the client's manual sales and inventory processes, enhancing accuracy, efficiency, and real-time stock tracking.
- Frontend built as a separate **React.js (TypeScript)** app hosted on **Vercel**, using **Axios** for API calls.
- Backend implemented with **Laravel** serving **RESTful APIs**, hosted on **Hostinger** with **MySQL**.
- Delivered a clean, user-friendly interface with **ShadCN** components to streamline pharmacy operations.
- Link: <https://centrosys.online/>

TitanSys: An Inventory Management System for Car Selling Parts Business

- Designed and developed a comprehensive sales and inventory system for a car parts business that previously relied on manual, paper-based processes, significantly improving stock accuracy and operational efficiency.
- Integrated real-time dashboards to provide instant insights into stock levels, sales performance, and product movement.
- Built the backend using **Laravel 12** with **Inertia.js** and **React** for a seamless, modern full-stack experience leveraging Laravel's new starter kit.
- The system is hosted and deployed on **Laravel Cloud** for reliable and scalable performance.
- Link: <https://titansys.laravel.cloud/>

Leonora

- Developed and maintained a personal finance platform featuring a comprehensive loan management system.
- Integrated responsive design and dynamic functionalities using **PHP**, **Bootstrap**, **jQuery**, and **MySQL** for efficient data handling and user experience.
- Link: <https://leonorafinance.com/>

Premiere Telekkom API Portal

- Co-led the development of an API-driven dashboard for managing load transactions and registering reloader companies via the DITO API.
- Employed Bootstrap for a modern, responsive UI, **PHP** for server-side logic, **MySQL** for database management, and **Ajax/jQuery** to handle API interactions and asynchronous functionality.
- Link: <https://pt.zambo.tech/>

Portfolio Website

- Developed a personal portfolio website using **React.js** and **Tailwind CSS**, enhanced with **ShadCN** components for a modern, modular UI design.
- Integrated an AI-powered chatbot using **Google Gemini AI** to provide interactive user engagement and support.
- Link: <https://micahchrls.vercel.app>

Education

Ateneo de Zamboanga University (2018-2023)

- Bachelor of Science in Computer Science, 2022.
- Took graduate-level units in **Master of Science in Information Technology**.
- Pursued additional coursework in Software Engineering to deepen expertise in systems development and emerging technologies.