

Michael Joshua Balagtas

Back End Developer

Pampanga, Philippines

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Github: github.com/PitsMB

PROFESSIONAL SUMMARY

- Highly motivated and resourceful software developer with great attention to detail, eager to contribute to dynamic teams and innovative projects.
- Computer Science graduate with hands-on experience in backend development, RESTful API design, and proficiency in Python, PHP, and MySQL.
- A problem solver with a strong focus on delivering effective solutions.

PROFESSIONAL EXPERIENCE

- **Pixel8** Remote
Backend Developer(Intern) *February 2024 - April 2024*
 - Developed backend solutions for retail enterprises using PHP and Composer, with a focus on object-oriented programming.
 - Designed and implemented RESTful APIs to support scalable web applications.
 - Conducted unit testing to ensure code quality and reliability.
 - Performed API testing using Insomnia and Codeception to validate functionality.
 - Managed version control using Git and GitLab in an Agile development environment.
 - Worked with MySQL databases to design, manage, and optimize data storage.
 - Created comprehensive API documentation to facilitate developer collaboration and integration.

EDUCATION

- **Don Honorio Ventura State University** Bacolor, Pampanga, Philippines
Bachelor of Science in Computer Science *October 2020 - August 2024*
 - Awarded best thesis for delivering an outstanding project that demonstrated innovation and comprehensive research.
 - Thesis project: DHVChat: A Web-based Intelligent Chat Assistant for the Admission Office using Natural Language Processing
 - Other project: DHVSU E-Library: A Web-based Library Management System
- **Senior High School in Apalit(Stand-Alone-1)** Apalit, Pampanga, Philippines
TVL Track ICT - Specialization in Computer System Servicing *June 2018 - March 2020*
 - NCII: Computer System Servicing

ADDITIONAL EXPERIENCE

- **Clients from UAE** Remote
Freelance Data Automation Associate *March 2023 - Present*
 - Managed end-to-end data processing for clients, including data input from txt files and generating output files based on client specifications.
 - Effectively troubleshoot and resolve client issues to enhance satisfaction and ensure optimal service delivery.

PROJECTS

- **E-kanban**

Domain: github.com/PitsMB/e-kanban

Developed a task management web application featuring a Kanban interface.

- An Issuer (admin user) can assign tasks, while machine operators update the status of each product (coil) after each process stage. Enabling streamlined product and process tracking.
- Task assignment and status update system that supports real-time, process-oriented workflows.
- Search functionality for admin users to locate and manage specific products efficiently.
- Technologies used
 - * Frontend: CSS, HTML, and Jinja
 - * Backend: Python(Flask)
 - * Database: MySQL
 - * Version Control: Git, Github

CERTIFICATES

- **Certificate Course in Python Programming**

University of Helsinki

Python Programming MOOC

2024

LANGUAGES

- English - (Fluent)
- Tagalog - (Native)