

JOSE RAFAEL S. MATIENZO

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EXPERIENCE

Remote Freelancing

July 2024 – Present

Web Developer

- Built and designed a music streaming website that tracked plays, downloads, playback time, and user IP addresses within 2 months of implementation.
- Deployed a 100% fully functioning website adopting the Laravel Framework for both front-end and back-end development, MySQL for the database, and BitBucket for the Git version control.
- Structured the music streaming site to contain 2 views: a user page view for the end-users and an admin view for the client to manage and view song & user data.
- Engineered the back-end & database to handle thousands of stored song files and user information.
- Revamped the music streaming platform's user interface based on regular client feedback, leading to a more refined look and added 1-2 functionalities per week.
- Developed a Python application within a 1-week timeframe that could detect key words when typed, replacing them with a predefined string thus improving the client's typing efficiency.
- Performed a joint coding session with the client while also leveraging ChatGPT's Code CoPilot function attaining a 25% progress on the python app within a few hours.
- Remotely set up 4 website subdomains with AWS Cloud Services, BitBucket, and PuTTY.
- Documented and logged a 31-steps installation and deployment guide of one of the subdomains and recorded a 10-minute video executing the annotated steps.
- Coordinated handling of 3 different projects (Music Player site, Python Typing app, Emulated Piano & Guitar site) presented by the client.
- Upgraded the Piano & Guitar website for 2 weeks, that emulates a guitar and piano instrument.

EDUCATION

Visayas State University – Main Campus

September 2022 – Present

Bachelor of Science in Computer Science

- 3rd Year Representative of the Computer Science Students Society
- Consistent GPA of above 1.5

PROJECTS

VSU-DCST Consultation Management System

- Collaborated with 9 members in a team using Google Chat and Facebook Messenger to develop an efficient and streamlined system for managing consultation requests.
- Integrated technologies such as the .NET Framework, C#, Firebase Cloud Firestore, and Git for all tasks in the back-end.

ViSiTa: VSU Market Directory

- Engineered an application in 3 months that would feature up-to-date statuses of stores in the University market.
- Employed MVC design pattern, .NET Framework, C#, Firebase Cloud Firestore, and Figma for the entire development.

VSU Competitive Online Programming Platform

- Assembled and configured a local server within 1 month with a team of 3 and utilized an Ubuntu Server OS.
- Launched a programming competition platform for students using the DOMjudge API, Docker, and Git.

SKILLS

Programming Languages: C, C++, C#, Java, Python, JavaScript, PHP

Other Technologies and Tools: Laravel, Docker, HTML5, CSS3, MySQL, AWS, Figma

OTHER

Volunteering: Mentor for underclassmen students taking Differential and Integral Calculus (April 2024 - Present), Co-organizer and Problem Creator of the Department's C/C++ Programming Competition (February 2024)

Awards: 1st Place in the Eastern Visayas Coding Olympics 2023 – C Division (September 2023), 1st Place in the Department's C/C++ Programming Competition (February 2023)