

PAULINE TRANGIA DEJOS

Front End Developer / Junior Software Developer

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EDUCATION

Visayas State University – Main Campus, Baybay City, Leyte

Bachelor of Science in Computer Science, 2022 – present

- Relevant Coursework: Web Systems and Technology, Software Engineering, Application Development and Emerging Technologies, Object-Oriented Programming, Data Structures and Algorithms

LANGUAGES & TECHNOLOGIES

- Languages: C, C++, C#, Java, JavaScript, HTML/CSS, SQL
- Tools and Technologies: Vue.js, Git, GitHub, VS Code, Visual Studio, Figma, Jasmine, Docker, Window Forms

PROJECTS & EXPERIENCE

Guidance Facilitation (Web Systems and Technologies)

Visayas State University, 3rd Year 1st Semester (2024, Ongoing)

Currently developing a website application, along with a team, that enhances the delivery of guidance facilitation across VSU Integrated High School by enabling digitalized access to student behavior reports.

- Currently designing a responsive front-end using Vue.js, optimizing the user interface for seamless access across multiple devices and platforms.
- Leveraged Git for version control and collaboration within a multi-developer environment, improving workflow efficiency and reducing deployment time by 25%.

E-Commerce Website

Personal Project (June-July, 2024)

Engineered a sample robust e-commerce platform, that enabled seamless navigation for users with features including product listings, a shopping cart, and order summary interfaces.

- Converted high-fidelity mockups into responsive and interactive front-end components using JavaScript, HTML, and CSS, ensuring smooth user navigation and experience.
- Integrated a custom REST API, dynamically fetching product data and enabling real-time updates on product availability which reduced load times by 20%.
- Implemented Test-Driven Development (TDD) using Jasmine, achieving 90% test coverage which ensured robust feature functionality and reduced post-deployment bugs.
- Simulated backend logic using a JSON-based data storage solution, effectively managing user sessions and shopping cart functions.

GigHub (Applications Development and Emerging Technologies)

Visayas State University, 2nd Year 2nd Semester (January – May, 2024)

Developed a desktop application using Window Forms and C# that aims to find freelance gig opportunities posted by creators for VSU students.

- Implemented the backend using C# to handle data processing, user authentication, and CRUD operations for gig postings, increasing platform stability.
- Utilized Docker for building and managing app containers (packages), ensuring streamlined development – this reduces development setup time by 50%.
- Designed and normalized a database schema using MS SQL Server, optimizing query performance and reducing data retrieval times by 20%.