

Tanguan, Shaina Jane B.

Web Developer | Full-Stack Developer

Portfolio: <https://shaina-dev.vercel.app/>

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Professional Summary

3rd-year Information Technology student specializing in full-stack web development with hands-on experience building PHP/Laravel web applications, database-driven systems, and AI-integrated platforms. Skilled in developing responsive, scalable, and user-centered applications using modern web technologies including RESTful APIs, MySQL, and frontend frameworks. Passionate about building digital solutions for healthcare systems, academic platforms, and local government services.

Education

State University of Northern Negros

Philippines

Bachelor of Science in Information Technology (BSIT)

2023- Present

Relevant Coursework: Web Development, Database Management, UI/UX Design, System Analysis and Design

Technical Skills

- **Programming Languages:** PHP, JavaScript, Python, HTML5, CSS3
- **Frontend Development:** Tailwind CSS, Bootstrap, Responsive Design
- **Backend Development:** PHP (Native, Laravel), RESTful concepts
- **Databases:** MySQL, Firebase, PostgreSQL
- **Tools & Platforms:** Git, GitHub, VS Code, XAMPP, Figma, Wordpress
- **AI Integration:** OpenAI API, Gemini API (basic integration)
- **Other Skills:** UI/UX Design, System Documentation, Data Analytics

Experience

Freelance Web Developer (Full-Stack Projects)

Self-Employed

2025 - Present

- Developed full-stack web applications using PHP, Laravel and MySQL
- Designed and implemented RESTful API-based systems for dynamic web applications
- Built responsive UI/UX interfaces using Tailwind CSS and Bootstrap
- Integrated AI-powered features using OpenAI and Gemini APIs for automation and decision support systems
- Developed administrative dashboards and workflow management systems for academic and community projects
- Collaborated with clients to analyze requirements and deliver optimized digital solutions

IT Support Assistant (Part Time)

Home Service

2024 – Present

- Collaborated with clients to analyze requirements and deliver optimized digital solutions
- Diagnosed and resolved desktop and laptop performance issues
- Delivered on-site technical support for end users

Projects

Click to Care: E-Consult Healthcare System

- Full-stack healthcare system for patient consultation and medical record management
- Features patient profiling, appointment workflow, and medical history tracking
- Automates clinic operations and reduces manual documentation
- Tech Stack: PHP, MySQL, Tailwind CSS

e-Barangay Hub

- Digital governance system for barangay services and document processing
- Includes resident profiling, request tracking, and automated email notifications
- Improves administrative efficiency and reduces paperwork processing time
- Tech Stack: PHP, MySQL, JavaScript, Tailwind CSS, PHPMailer

One Barangay: Civic Service Platform

- Centralized system for document requests, grievance reporting, and announcements
- Provides real-time request tracking and automated notifications
- Enhances communication between citizens and local government units
- Tech Stack: PHP, MySQL, Tailwind CSS

Leadership & Activities

SUNN iCodes – State University of Northern Negros

Treasurer (2025 – Present) | Member (2023 – 2024)

- Participated in organization activities, coding events, and IT-related initiatives
- Supported collaborative projects and student-led tech activities
- Managed basic financial records and assisted in budget tracking for organization activities (as Treasurer)

Certifications and Trainings

- Google Developer Groups (CTU) – Web Solutions using Gemini & Firebase
- freeCodeCamp - Responsive Web Design Certification
- Cisco Networking Academy - HTML Essentials
- West Visayas State University (CCIT) – Digital Safety 101: Cybersecurity Awareness
- SUNN Hackathon 2025 – Full-Stack Web Development Participant

Additional Information

- Languages: English, Filipino
- Interests: Web Development, AI Systems, UI/UX Design, Freelancing
- **Focus Areas:** Full-Stack Development, AI Integration, Data Analytics