

Nelson Marc S. Santos

Portfolio: <https://santosnm-portfolio.vercel.app/>

GitHub: <https://github.com/santos1n>

📍 Concepcion, Tarlac, PH | 📞 +63 976 322 2301 | ✉️ santosnelsonmarc@gmail.com

EDUCATION

Tarlac State University – College of Computer Studies

Bachelor of Science in Computer Science

Cumulative GWA: 1.28

San Isidro, Tarlac City

August 2021 – July 2025

Certifications: *CISCO Certifications:* Switching, Routing, and Wireless Essentials; Cyber Threat Management; Introduction to Networks | *Online Course:* Conquering Responsive Layouts

TECHNICAL SKILLS

Languages: HTML5/CSS3, JavaScript, Python, Java, PHP

Tools & Technologies: CakePHP, AngularJS, React JS, Bootstrap, Tailwind, MySQL, Git

PROJECTS

AnimeVoyage – Anime Review Blog

Front-End Development

October 2023

- Designed and built a static blog website demonstrating proficiency in HTML5/CSS3, and JavaScript.
- Integrated modern UI/UX principles enhancing user engagement and accessibility.

AnimeVoyage Figurines – Mock Merchandise Store

December 2023

Full-stack Development

- Developed a mock merchandise store built with PHP, MySQL, and JavaScript.
- Integrated user authentication and registration system enabling user access levels.
- Created an analytics dashboard for monitoring and administrative panel for management.
- Designed and built a responsive layout using Bootstrap and Tailwind, enhancing user accessibility.

AutoSpotter – Parking Management WebApp

December 2023

Full-stack Development

- Co-developed a real-time parking management system prototype using Arduino and IoT technology.
- Implemented remote live updates on parking availability, enhancing user experience.
- Created a booking system for users to reserve spots, and a real-time admin analytics dashboard for managing spaces and monitoring occupancy.
- Utilized MySQL and Express to ensure robust and secure data management and server-side processing.

AcneVision – Acne Detection Application

April 2025

Android Development, Machine Learning

- Developed an Android-based real-time acne classification app using YOLOv9 and Kotlin
- Integrated YOLOv9 deep learning model with ONNX, enabling real-time identification and classification of acne types through smartphone cameras.
- Designed a user-friendly interface with real-time preview, detection overlays, and result visualization to enhance user experience.

Shopping Items – Item List

June 2023

Full-stack Development

- Developed a web-based mobile application for managing shopping list.
- Designed with a mobile-use approach, ensuring seamless user experience on mobile devices.
- Integrated Google Firebase to enable real-time data synchronization across multiple devices, providing users with instant updates and collaboration capabilities.

JavaScript Parser – Parse Tree Generator

May 2024

Software Development

- Created a comprehensive JavaScript parser that performs both lexical analysis (tokenization) and syntactical analysis (parsing).
- Built a user interface using React.js and Tailwind to accept input and display parsing results, including token lists and AST visualizations.
- Implemented a tokenizer to break down an expression into tokens that constructs an Abstract Syntax Tree (AST).

Random Password Generator – Web Cryptography API Generator

May 2024

Front-End Development

- Developed a web application that generates strong, random passwords using the Web Cryptography API.
- Applied modern UI design principles to create a visually appealing and functional user interface, enhancing user satisfaction and engagement.

EXPERIENCE

Summer Intern – My Creative Panda Inc.

June 2025

Full-stack Development, Wordpress Development

- Built a full-featured CRUD system using CakePHP (backend) and AngularJS (frontend) following MVC architecture for clean separation of logic and presentation.
- Developed and maintained custom WordPress themes and advanced plugin configurations tailored to specific client requirements.

Summer Internship – Tarlac City LGU

June 2024–July 2024

Software Development, Data Entry

- Assisted in developing a system for a dialysis center using React JS, acquiring hands-on experience in system development.
- Encoded sensitive system user information requiring keen attention to detail and correctness, gaining basic functional skills in MS Excel.