Justine Edward P. Santos

09158777385 | justineedwardsantos@gmail.com | linkedin.com/in/justineedward | github.com/hyxenon |
portfolio-justine-santos.vercel.app

SUMMARY

Frontend developer with strong foundation in React and Next.js, complemented by backend development capabilities. Actively seeking internship opportunities to apply and enhance web development skills while gaining valuable industry experience.

EDUCATION

Wesleyan University Philippines — Cabanatuan, Nueva Ecija
Bachelor of Science in Information and Technology — *Aug. 2021 – Present*

Muñoz National High School - Main - Senior — Science City of Muñoz, Nueva Ecija
Science, Technology, Engineering, and Mathematics (STEM) — *Jun. 2019 – Apr. 2021*

Muñoz National High School - Main - Junior — Science City of Muñoz, Nueva Ecija
Science, Technology and Engineering program (STE) — *Jun. 2015 – Apr. 2019*

PROJECTS

PROJECT E-SIP | *Next.js, React, TypeScript, PostgreSQL, NextAuth, Git* — October 2024 – January 2025
- Developed a full-stack web application as a centralized research repository for schools with STE programs in Nueva Ecija
- Utilized Next.js, PostgreSQL, and Prisma for back-end management and TailwindCSS for responsive UI design
- Implemented NextAuth for secure user authentication and Resend for automated email notifications
- Integrated Streamio API for real-time messaging to facilitate collaboration among educators and students
- Simplified access to research data and facilitated collaboration between schools, improving the sharing of resources and engagement among educators and students

School Management System | *Laravel, MySQL, SCRUM, Git* — October 2024 – January 2025
- Led the development of a comprehensive School Management System as the Lead Programmer in a SCRUM-based team
- Built the system using Laravel for back-end development and MySQL for database management
- Developed key modules for enrollment, scheduling, employee management, grading, subjects, announcements, attendance, payroll, and course management
- Focused on scalability and user efficiency to support various school functions

Survey App with Analytics | *Next.js, React, TypeScript, MongoDB, Clerk, Git* — June 2024 – July 2024
- Developed a web application featuring a questionnaire to analyze the impact of social media on academic performance
- Built the platform using Next.js and TypeScript for the front-end, with MongoDB for data storage
- Integrated Clerk for secure user authentication and access control
- Implemented an admin dashboard to display survey responses and provide detailed analytics on user data, helping to uncover trends and insights
- Enabled users to easily submit responses while providing administrators with real-time data visualization and reporting tools

Grading System Management | *Angular, Express, Node.js, MongoDB* — November 2023 – February 2024
- Developed a Learning Management System (LMS) for a high school to manage multiple academic strands (STEM, HUMSS, ABM, GAS, ICT)
- Built the system using Angular for the front-end, Express for the back-end, MongoDB for database management, and TailwindCSS for responsive design
- Implemented features for grade editing, and assignment/quiz distribution to streamline assessment management
- Designed the system to improve user experience and enhance the efficiency of grading and content delivery for both teachers and students

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML/CSS
Frameworks: Next.js, React, Angular, Laravel, Node.js, Express
Databases: PostgreSQL, MySQL, MongoDB
Developer Tools: Git, VS Code

CERTIFICATES

RAITE: Navigating the AI-Driven Future: Education, Ethics, and Innovation October 2024
PSITE Central Luzon Region
IRCITE (International Research Conference on Information Technology Education) May 2023
PSITE Central Luzon Region

ACTIVITIES & COMPETITIONS

Competitive Programming
- Participated in competitive programming contests, honing analytical thinking and problem-solving skills.

Hackathons
- Took part in hackathons, gaining experience in collaborative coding, teamwork, and time-bound problem-solving.

SOFT SKILLS

Problem-Solving | Team Collaboration | Adaptability | Time Management | Communication Skills