

# Justine Edward P. Santos

09158777385 | [justineedwardsantos@gmail.com](mailto:justineedwardsantos@gmail.com) | [linkedin.com/in/justineedward](https://www.linkedin.com/in/justineedward) | [github.com/hyxenon](https://github.com/hyxenon) | [portfolio-justine-santos.vercel.app](https://portfolio-justine-santos.vercel.app)

## SUMMARY

Frontend developer with a 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

<b>Wesleyan University Philippines</b> <i>Bachelor of Science in Information and Technology</i> <ul style="list-style-type: none"><li>Dean's Lister (1st Year - Present)</li></ul>	Cabanatuan, Nueva Ecija <i>Aug. 2021 – Present</i>
<b>Muñoz National High School - Main - Senior</b> <i>Science, Technology, Engineering, and Mathematics (STEM)</i> <ul style="list-style-type: none"><li>With Honors</li></ul>	Science City of Muñoz, Nueva Ecija <i>Jun. 2019 – Apr. 2021</i>
<b>Muñoz National High School - Main - Junior</b> <i>Science, Technology and Engineering program (STE)</i> <ul style="list-style-type: none"><li>With Honors</li></ul>	Science City of Muñoz, Nueva Ecija <i>Jun. 2015 – Apr. 2019</i>

## PROJECTS

<b>PROJECT E-SIP</b>   <i>Next.js, React, TypeScript, PostgreSQL, NextAuth, Git</i> <ul style="list-style-type: none"><li>Developed a full-stack web application as a centralized research repository for schools with STE programs in Nueva Ecija</li><li>Utilized Next.js, PostgreSQL, and Prisma for backend management and TailwindCSS for responsive UI design</li><li>Implemented NextAuth for secure user authentication and Resend for automated email notifications</li><li>Integrated Streamio API for real-time messaging to facilitate collaboration among educators and students</li><li>Simplified access to research data and facilitated collaboration between schools, improving the sharing of resources and engagement among educators and students</li></ul>	October 2024 – January 2025
<b>School Management System</b>   <i>Laravel, MySQL, SCRUM, Git</i> <ul style="list-style-type: none"><li>Led the development of a comprehensive School Management System as the Lead Programmer in a SCRUM-based team</li><li>Built the system using Laravel for back-end development and MySQL for database management</li><li>Developed key modules for enrollment, scheduling, employee management, grading, subjects, announcements, attendance, payroll, and course management</li><li>Focused on scalability and user efficiency to support various school functions</li></ul>	October 2024 – January 2025
<b>Survey App with Analytics</b>   <i>Next.js, React, TypeScript, MongoDB, Clerk, Git</i> <ul style="list-style-type: none"><li>Developed a web application featuring a questionnaire to analyze the impact of social media on academic performance</li><li>Built the platform using Next.js and TypeScript for the front-end, with MongoDB for data storage</li><li>Integrated Clerk for secure user authentication and access control</li><li>Implemented an admin dashboard to display survey responses and provide detailed analytics on user data, helping to uncover trends and insights</li><li>Enabled users to easily submit responses while providing administrators with real-time data visualization and reporting tools</li></ul>	June 2024 – July 2024
<b>Grading System Management</b>   <i>Angular, Express, Node.js, MongoDB</i> <ul style="list-style-type: none"><li>Developed a Learning Management System (LMS) for a high school to manage multiple academic strands (STEM, HUMSS, ABM, GAS, ICT)</li><li>Built the system using Angular for the front-end, Express for the back-end, MongoDB for database management, and TailwindCSS for responsive design</li><li>Implemented features for grade editing, and assignment/quiz distribution to streamline assessment management</li><li>Designed the system to improve user experience and enhance the efficiency of grading and content delivery for both teachers and students</li></ul>	November 2023 – February 2024

TECHNICAL SKILLS

---

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

CERTIFICATES

---

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

ACTIVITIES & COMPETITIONS

---

- Competitive Programming**
- Participated in competitive programming contests, honing analytical thinking and problem-solving skills
- Hackathon**
- Participated in hackathons to enhance problem-solving, teamwork, and coding under pressure

SOFT SKILLS

---

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