

JAY NICO OLAÑO

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SUMMARY

Passionate and results-driven Software Developer with a background in Computer Science and real-world internship experience in full-stack web development using PHP, CodeIgniter, JavaScript, and SQL. Strong foundation in Java and Python, solid exposure to React, Firebase, and API development, with a commitment to clean, maintainable code. Skilled in agile collaboration, problem-solving, and eager to contribute to impactful tech projects while continuously growing in the software engineering field.

EDUCATION

STI College Marikina

2021 - 2025

Bachelor of Science in Computer Science

Marikina, Philippines

Cum Laude

TECHNICAL SKILLS

- Programming Languages: Java, Python, JavaScript, SQL, HTML, CSS
- Development Skills: React.js, Node.js, CodeIgniter, Tailwind CSS, Bootstrap, Android (Java), Firebase, MySQL, MongoDB, PostgreSQL, YOLOv5, PyTorch
- Tools & Platforms: Git, GitHub, Bitbucket, Postman, VS Code, Figma, Google Colab

EXPERIENCE

NegosyolabPH Business Development Services

Feb 2025 – Apr 2025

Software Developer Intern

Quezon City, Philippines

- Backend Development (PHP, CodeIgniter, SQL):**
 - Developed backend features and optimized SQL queries to improve data retrieval performance.
 - Implemented host-restricted API filters, password hashing, and secure form validation.
 - Refactored PHP controller logic for maintainability and performance using CodeIgniter MVC structure.
- Frontend Development (HTML/CSS, JavaScript, Bootstrap):**
 - Fixed UI bugs and improved UX/UI design for admin dashboards and user-facing forms.
 - Enhanced interactivity with JavaScript, including password toggles, alert handling, and dynamic image previews.
 - Worked on responsive layouts and design consistency using Bootstrap.
- Database Management & Input Validation:**
 - Applied input validation using regex and built-in rules to enforce data integrity.
 - Designed search, filter, and pagination logic for data tables involving customer, supplier, and card request modules.
- Security Implementation:**
 - Enforced API security with host-based restrictions.
 - Applied MIME type checks for file uploads, restricted allowed file types, and mitigated common vulnerabilities.
- Agile Development & Collaboration:**
 - Participated in agile sprints, weekly task rotations, and collaborative debugging with senior developers.
 - Practiced Git-based version control, local development via XAMPP, and consistent documentation of updates.
- Tools & Environment:**
 - Tech Stack:** PHP (CodeIgniter), MySQL, JavaScript, Bootstrap, HTML5, CSS3
 - Tools:** VS Code, Git, Bitbucket, XAMPP, WinSCP
 - Workflow:** Agile methodologies, code reviews, local-server testing, debugging

PROJECTS

Measuring Screen Time with Eye Tracking System

Jan 2023 - Jun 2023

Thesis Project - STI College Marikina

Developed a Java-based Android app that measures screen time through eye-tracking.

Integrated Firebase for real-time data storage and synchronization.

Trained a deep learning model using PyTorch and YOLOv5 for image processing and object detection, achieving an accuracy rate of 70% to 80% for eye tracking system.

CERTIFICATIONS & TRAININGS

Java Programming Certification: Focused on Java foundations and object-oriented programming using Java, provided by Oracle.

UX Design Essentials & Wireframing: UX design, wireframing, and creating mock-ups, STI College Marikina Webinar.