

SONNY SARCIA

Oriental Mindoro, Philippines | +639266301717 | sonnypsarcia@gmail.com | sonycookies.vercel.app

EDUCATION

MINDORO STATE UNIVERSITY

PH Bachelor of Science in Information Technology

Calapan, Oriental Mindoro,

Jun 2026

Current Academic Standing: Consistent Dean's Lister (6 semesters); Consistently ranked in the Top 3 of the academic batch; Multiple semester Academic Excellence Awards.

Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Software Engineering, Artificial Intelligence, Web Development, Database Systems, Operating Systems, Systems Design, Embedded Systems, Internet of Things

WORK EXPERIENCE

FREELANCE & CONTRACT WORK

Full Stack Software Developer Freelancer

Jan 2025 – Present

- Leveraging expert knowledge of Next.js, React, Vue.js, and Django, I have delivered comprehensive, full-stack web solutions for over 10 diverse clients, ensuring timely completion and 100% client satisfaction.
- Developed and deployed specialized advertising platforms (e.g., for electrical and plumbing services) to enhance client visibility and lead generation, complete with user-friendly content management systems.
- Designed a full-featured digital platform for a local government entity (Sangguniang Kabataan - SK), including a community post system, event calendar, and a robust archival system for historical records.

UNIVERSITY PROJECTS

AI-POWERED FLOOD PREDICTION FOR NAUJAN BRIDGE USING TIME-SERIES ANALYSIS

Jan 2025

- Developed a flood prediction system using LSTM neural networks to forecast river discharge and climatological trends.
- Implemented automated data collection via weather and river APIs and built data visualizations for model insights, achieving low error metrics (MAE: 2.64, RMSE: 3.26).

MEGG - AI DEFECT DETECTION AND MICROCONTROLLER MECHANISM SORTING

Nov 2025

- Developed a portable AI-powered egg defect detection and sorting system integrating Raspberry Pi, Arduino Mega, and a Next.js/FastAPI-based dashboard.
- Implemented real-time defect classification (cracked, dirty, good) using a custom-trained computer vision model and automated sorting via servo-controlled mechanisms.
- Features include data analytics and visualization for egg quality trends, defect distribution, and sorting performance, earning recognition for innovation and engineering excellence.

ACTIVITIES

DEDICATED IT DEVELOPERS (DiD)

PH Full-Stack Developer, Member

Calapan, Oriental Mindoro,

Jan 2025 – Present

- Developed and integrated an RFID-based attendance monitoring system for IT events to automate participant tracking and data recording.
- Designed and deployed the official DiD website, implementing responsive layouts and a modern interface for improved accessibility and branding.

ADDITIONAL

Technical Skills: Advanced in Next.js, Vue.js, FastAPI,, JavaScript, TypeScript, Vite, SQL, NOsql,, HTML/CSS, Tailwind; Proficient in Python, Django, REST APIs, Git, MySQL; Experienced with C, C++, C#, Java, Kotlin, React, React Native, Flutter, Bootstrap, Node.js, Flask, MongoDB, Docker, TensorFlow, OpenAI GPT..

Certifications & Training: Certificate of Training - Java NC2 (BCRV TechVoc Inc & Tesda).

Awards: Consistent Dean's Lister (6 semesters), Top 13 National Finalist – C Programming Contest, Rank 5 Regional Winner – Hack4Gov Capture the Flag.