

Justine Lopez

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Education

St. Dominic College of Asia

Bachelor of Science in Information Technology

Thesis: An IoT-Based Toilet Sanitation, Analytics, and Predictive Maintenance Management System

Relevant Coursework: Web Development, Networking, Software Engineering

Bacoor, Cavite, Philippines

Expected Graduation: 2027

Technical Skills

Web & Mobile Development: HTML, CSS, JavaScript, Java, React, Next.js, Node.js

Database & Tools: MongoDB, Git, GitHub, VS Code, Figma, Postman/Bruno

IT & AI: Basic networking, hardware troubleshooting, Microsoft Office, Azure AI fundamentals, AI-assisted research and documentation

Experience

Freelance / Self-Employed

Mobile and Web Developer

Remote

2024 - Present

- Developed responsive web portfolios, client websites, and capstone systems using modern web development tools and user-focused design practices.
- Built website layouts and system features based on client requirements, usability needs, and project goals.
- Utilized artificial intelligence tools to improve project planning, system development, documentation, automation, and technical research.

Dominixode

Audio Technical Support

Bacoor, Cavite, Philippines

2025 - Present

- Operated and maintained sound system equipment for major organizational events, resolving technical issues during live programs.
- Provided technical assistance to the organization president, including equipment setup, troubleshooting, and event support tasks.
- Supported organization-wide events with minimal disruption by assisting with setup, equipment checks, and live technical support.
- Checked and secured audio equipment before and after events to maintain functionality and prevent equipment damage.

Leadership & Activities

BSIT3A Section, St. Dominic College of Asia

Section President

Bacoor, Cavite, Philippines

2022 - Present

- Served as the section representative for academic coordination, announcements, and communication between classmates and faculty members.
- Organized class updates, reminders, and responsibilities to support smoother participation in academic and school-related activities.

Capstone Project Group

Hardware Lead

Bacoor, Cavite, Philippines

2025 - Present

- Led the hardware development of the capstone system, including component selection, circuit assembly, sensor integration, and prototype testing.
- Troubleshoot hardware-related issues involving sensors, wiring, microcontroller behavior, and system response during development.

Certifications

Microsoft Office Specialist: Word • Microsoft Office Specialist: PowerPoint • Microsoft Certified: Azure AI Fundamentals

Cisco Certification Badge • Google AI Education