

# Sebastian S. Sarmiento

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## SUMMARY

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A 4th-year Computer Science student specializing in Software Engineering. Actively learning front-end web development and experienced in troubleshooting and system configuration. Looking to apply my skills and grow through real-world experience in web development and IT support.

## PROJECTS

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### QuizSecure, Thesis Project

02/2024 – 05/2025

- Developed an AI-powered online exam platform using MTCNN, OpenCV, and MediaPipe, achieving ~90% face-detection accuracy.
- Applied Python (OpenCV, MediaPipe, FastAPI) and React.js to enhance exam integrity while maintaining user privacy.
- Implemented 5+ behavior monitoring features, including head-movement tracking and presence detection.

### Personal Web Portfolio, Self-initiated Project

- Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript.
- Implemented custom animations, clean UI sections, and mobile-friendly layout.

### FinWare, Personal Project

- Created an interactive learning webpage focused on financial literacy and secure money habits.
- Built reusable components, animations, and a responsive interface.

### AutoTrack, Personal Project

- Developed a full-stack web app for managing vehicle information and maintenance schedules.
- Built Flask-based backend and MySQL database with CRUD operations.

## CERTIFICATES

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- Information Technology Specialist – Python 
- PMI Project Management Ready 
- CCNAv7: Introduction to Networks 

## TECHNICAL SKILLS

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**Web Development** — • HTML • CSS • JavaScript • React.js • TailwindCSS

**Backend & Databases** — Python • FastAPI • Flask • MySQL

**Programming** — C++ • Python

**IT Support** — Hardware & Software Troubleshooting • System Maintenance • Network Configuration • Software Installation

## EDUCATION

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**Bachelor of Science in Computer Science**, FEU Institute of Technology

2022 – Present  
Manila, Philippines