

Angelito P. Decatoria III

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EDUCATION

Cavite State University

B.S. in Computer Science - Magna Cum Laude

- Dean's Lister (2022 - 2026)

TECHNICAL SKILLS

Languages: JavaScript, PHP, Dart, Java, Python

Frameworks & Technologies: React, Next.js, Node.js, Express.js, Flutter, React Native, Bootstrap, Tailwind CSS

Database: MySQL, Firebase, Supabase

Tools, Platforms & Services: Git, GitHub, Figma, Vercel, Render, Cloudinary, Twilio

AI / Machine Learning: TensorFlow, TensorFlow Lite, OpenCV, YOLOv8, Label Studio, Roboflow, Google Colab, Jupyter, Kaggle

PROJECTS

QueueTopia | React, Next.js, TypeScript, Tailwind CSS, Framer Motion

July 2026 – July 2026

Full Stack Developer

- **QueueTopia** is a web-based CPU scheduling simulator developed to visualize deterministic algorithmic resource allocation.
- Simulated 15 CPU scheduling algorithms spanning classic, feedback, proportional-share, and real-time paradigms, including FCFS, SJF, SRTF, Priority (Preemptive/Non-Preemptive), Round Robin, HRRN, MLFQ, Lottery, EDF, and RMS.
- Rendered dynamic Gantt charts and automated real-time CPU metric computations (turnaround, waiting, and response times) to simplify complex operating system concepts.

Seelai | Flutter, Firebase, Node.js, Express.js, TensorFlow Lite, YOLOv8, WebRTC, Cloudinary

October 2025 – April 2026

Full Stack Developer

- **Seelai** is an AI-powered mobile assistant designed to empower partially sighted individuals through real-time environmental interpretation and live caretaker connectivity.
- Trained custom YOLOv8n vision models and deployed them offline via INT8 TensorFlow Lite, integrated with a Node.js and WebRTC backend for live GPS tracking and voice/video calling.
- Achieved 95.80% mAP@50 accuracy and ~30 FPS on-device inference.

ODCI (Document Tracker) | HTML5, CSS3, JavaScript, PHP, MySQL

August 2025 – September 2025

Full Stack Developer

- **ODCI (Document Tracker)** is a web-based document management and admin portal for ODCI with role-based access for superadmin, admin, and user, including dashboards, files/folders, user/department management, and announcement/social feed features.
- Built PHP backend with MySQL via PDO, user authentication/authorization, and responsive HTML/CSS/JavaScript interfaces for admin and user workflows.
- Delivered secure document tracking, centralized user and department control, and improved submission visibility for campus administrators.

Jayann's Store POS System | HTML5, CSS3, PHP, JavaScript, MySQL, FPDF

December 2024 – January 2025

Full Stack Developer

- **Jayann's Store** is a PHP-based e-commerce web application that provides product catalogs, search, cart, checkout, user accounts, admin product/order management, and printable PDF receipts.
- Implemented Built PHP/PDO backend (session auth, cart/order & admin CRUD), FPDF receipts; responsive HTML/CSS/JS frontend with AOS and Swiper.
- Delivered a maintainable local retail platform that streamlines order processing and inventory, enables printable receipts and order tracking, and improves checkout UX and admin efficiency.

Certifications & Webinars

- **DICT Region V – Bicol (May 18th, 2023)** - "Bicol Startup 101 of the Department of Information and Communications Technology."
- **University of Caloocan City (May 20th, 2023)** - "Breaking Barriers in Web Development: Empowering Skills from Ground Zero."
- **Filipino Web Development Peers (May 28th, 2023)** - "FWDP Monthly Community Day."
- **KOENIG (October 28th, 2024)** - "Artificial Intelligence - Driving Innovation and Business Transformation."
- **Gordon College - SREGEN (November 23rd, 2024)** - "Mastering SQL Query Optimization: Boost Performance, Reduce Server Load."
- **DICT Region III – Aurora (June 26th, 2026)** - "Prompt to Persona Building Your AI Twin for the Digital Age."