

# [FRANCIS CARL A. LINGAN]

**Bachelor of Science in Information Technology Student**  
**Aspiring Frontend Developer, Backend Developer, or UI/UX Designer**

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 Portfolio Website: <https://francis-lingan-portfolio.vercel.app/>

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## EDUCATION

### **Bachelor of Science in Information Technology**

**Cavite State University** | Carmona Campus  
Expected Graduation: 2026

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## PROFESSIONAL SUMMARY

Motivated fourth-year Bachelor of Science in Information Technology student with hands-on experience in front-end development, back-end development, and UI/UX design. Demonstrated ability to develop full-stack web applications through four major development projects, including a capstone system. Possess strong problem-solving skills and experience working with a Modified Waterfall development methodology. Seeking an entry-level Software Developer position to apply technical expertise and contribute to product development.

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## TECHNICAL SKILLS & COMPETENCIES

**Programming Languages:** JavaScript, Java, Python

**Frameworks & Libraries:** React.js, React Router, Express.js, Bootstrap, Axios, Chart.js, Sequelize

**Tools & Technologies:** Git, GitHub, npm, Postman, Vite, RESTful APIs, MySQL, Vercel, Render, VS Code, Figma, Canva

**Core Competencies:** Full-Stack Web Development • RESTful API Design & Integration • Responsive UI Development • Database Design & Management • Problem-Solving & Debugging • Version Control & Team Collaboration

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# ACADEMIC PROJECTS (WEB DEVELOPMENT)

## Ordering with Inventory Monitoring System for GAMJ General Merchandise | Capstone Project

*June 2025 - Present*

Developing a system that automates and manages the process of ordering, tracking, and monitoring product inventory of GAMJ General Merchandise to improve business operations by making them faster and more efficient.

**Technologies Used:** React.js, CSS, React Icons, React Toastify, Socket.IO, Axios, Chart.js, react-chartjs-2, Node.js, Express.js, MySQL, Sequelize, bcrypt, Cloudinary, CORS, JWT, Nodemailer, Validator

### Key Contributions & Achievements:

- **Developed** UI/UX design and full-stack ordering with inventory monitoring system for GAMJ General Merchandise.
- **Implemented** RESTful API with JWT-based authentication for secure user access.
- **Designed** MySQL database schema with optimized queries for inventory and order management.
- **Collaborated** with a two-member team using a Modified Waterfall methodology to deliver project milestones on time.

**Project Link:** [GitHub URL](#) | [Live Demo URL](#)

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## Library Management System | System Integration and Architecture Finals Project

*November 2025 to January 2026*

A modern, full-stack library management system featuring a premium UI, robust tracking capabilities, and a comprehensive set of management tools for both librarians and students.

**Technologies Used:** React.js, Tailwind CSS, Custom CSS, Lucide React, React Icons, React Toastify, Socket.IO, Axios, Chart.js, react-chartjs-2, Node.js, Express.js, MySQL, Sequelize, bcrypt, CORS, JWT, Nodemailer, Validator.

### Key Contributions & Achievements:

- **Developed** full-stack application, including user authentication and role-based access for librarians and students.
- **Implemented** core features such as book borrowing and returning, admin management of borrowed/returned books, and student dashboards.
- **Designed** MySQL database schema with optimized queries for library inventory management system.
- **Collaborated** with a three-member team using a Modified Waterfall methodology to deliver project milestones on time.

**Project Link:** [GitHub URL](#)

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## Ordering System for Angle's Retail Clothing Shop | Capstone Project

*December 2024 - February 2025*

Developed a full-stack system to automate and manage order processing and tracking for Angle's Retail Clothing Shop, improving business operations through increased efficiency.

**Technologies Used:** React.js, Tailwind CSS, Custom CSS, React Bootstrap, React Icons, React Toastify, Node.js, Express.js, MySQL, Sequelize, bcrypt, Cloudinary, CORS, JWT, Nodemailer, Validator.

### Key Contributions & Achievements:

- **Developed** UI/UX design and full-stack ordering with inventory monitoring system for Angle's Retail Clothing Shop.
- **Implemented** RESTful API with JWT-based authentication for secure user access.
- **Designed** MySQL database schema with optimized queries for inventory and order management.
- **Independently** developed the project using a Modified Waterfall methodology and delivered all milestones on time.

**Project Link:** [GitHub URL](#)

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## Portfolio Project | Personal Project

*January 2026*

Developed a personal portfolio website to showcase projects, skills, and achievements with a modern, responsive UI.

**Technologies Used:** React.js, CSS, React Icons.

### Key Contributions & Achievements:

- **Designed and implemented** a responsive, mobile-friendly UI/UX for the portfolio.
- **Developed** reusable React components for navigation, project showcase, and contact sections.
- **Integrated** interactive elements such as icons, buttons, and animations for better user experience.
- **Deployed** the portfolio website online for public access.

**Project Link:** [GitHub URL](#)

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## ACADEMIC PROJECTS (UI/UX DESIGN)

- **Ordering with Inventory Monitoring System for GAMJ General Merchandise | Capstone Project** [[Figma Link](#)]
  - **Ordering System for Angle's Retail Clothing Shop | Capstone Project** [[Figma Link](#)]
  - **Alkansya Online Banking App | Personal Project** [[Figma Link](#)]
  - **Financial Desktop App | Personal Project** [[Figma Link](#)]
  - **Mobile App for Visual Impairment | School Project** [[Figma Link](#)]
  - **Tracita: A Mobile-Based Tracking System With AR Navigation for Public Safety and Disaster Preparedness | School Project** [[Figma Link](#)]
  - **Sales and Inventory System in Hardware (Low Fidelity) | School Project** [[Figma Link](#)]
  - **Cvsu School Attendance | Personal Project** [[Figma Link](#)]
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## CERTIFICATIONS & TRAINING

- **5th CAREER PEP TALK** – Cavite State University Carmona Campus | 2025
- **3rd STAR: Students toward Transformative Academic Research** – Cavite State University Carmona Campus | 2025
- **MaxIT 2025: Code. Manage. Protect.** – Cavite State University Carmona Campus | 2025