

JOHN CARL SANTOS

Bulacan, Philippines ✉ johncarlsantos30@gmail.com  github.com/JohnCarl-30  linkedin.com/in/john-carl-santos

Education

Philippine Christian University

Expected 2027

Bachelor of Science in Computer Science

Consistent Dean's Lister (GWA: 1.15)

Relevant Coursework: Data Structures & Algorithms, Linear Algebra, AWS S3, Software Engineering

Technical Skills

Languages: Python, Java, JavaScript, TypeScript, PHP

Frameworks & Libraries: FastAPI, Flask, TensorFlow, Scikit-learn, Pandas, NumPy, LangChain, RAG, ReactJS, Laravel

Database: Postgresql, Supabase, Firebase, SQLAlchemy, MySQL

Tools: Git, Docker (Basic), Jupyter, VS Code, Render, Vercel, Google Colab, UIPath(RPA), Xampp, Postman

Concepts: Machine Learning, REST APIs, LLMs

Projects

Point of Sale (POS) System | Java, Apache POI (Excel Integration)

- Developed a desktop POS system using Java Swing for order processing, discount handling, cash management, and receipt generation.
- Implemented Excel-based data storage and management using Apache POI.

Mini Score Predictor | Python, Docker

- Developed a predictive model estimating scores based on study hours.
- Containerized the application using Docker for deployment consistency.

Sociatech – Social Learning Platform | Project Lead & Backend Developer *Firestore Auth, REST API, JWT*

- Led a team in designing and developing a full-stack social learning platform that allows students to share learning content, interact through discussions, and collaborate academically.
- Managed project planning, system architecture, task delegation, and development progress to ensure timely feature delivery.
- Designed and implemented backend services and RESTful API endpoints to handle core application logic, user interactions, and data flow.
- Collaborated with frontend developers to define API contracts and ensure smooth frontend–backend integration.

Experience

No formal industry experience yet — focused on academic and personal software projects.

Certifications & Awards

Introduction to Cloud 101 — AWS

Building RAG Apps Using MongoDB — MongoDB

Oracle Cloud Infrastructure 2025 AI Foundations Associate (1Z0-1122-25) — Oracle

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional — Oracle

Machine Learning Foundations — AWS

Generative AI Fundamentals — DataBricks

3rd Place Hackathon — Java Problem Solving Competition