

# JAYCEN JOHN C. CARREON

COMPUTER SCIENCE STUDENT / ASPIRING SOFTWARE DEVELOPER



Jaycencarreon1@gmail.com

0919 302 0146

github.com/Jaycenn

LinkedIn profile

## EDUCATION

### Holy Angel University

BS Computer Science

2023–present · Expected 2027

Dean's List: 2024 (2nd year, 1st sem);

AY 2025–2026 (3rd year, both sems)

### St. Nicolas College

of Business and Technology, Inc.

STEM strand · 2021–2023

Consistent Honor Student: Grades

11–12

## TECHNICAL SKILLS

### LANGUAGES

Python, Java, JavaScript, C++, SQL,  
HTML/CSS, TypeScript

### FRAMEWORKS

React, Vite, Flask, FastAPI, Express,  
Node.js

### DATA & TOOLS

PostgreSQL, SQLite, Git, GitHub, VS  
Code

## PROFESSIONAL SKILLS

Problem solving and debugging ·  
teamwork and communication ·  
technical documentation · time  
management

## PROFILE

Fourth-year Computer Science student at Holy Angel University building practical software across web development, data tools, and lossless file compression research.

## SELECTED PROJECTS

### ByteSize | Adaptive File Compression

Thesis work on lossless compression and decompression using Python and C++, with a Flask interface and file verification.

Contribution: compression engine and application interface.

### HoopRoutine | Basketball Training Tracker

React, Express, and PostgreSQL app for workouts, drills, session logging, and progress tracking.

Contribution: built the original foundation; directed, reviewed, and tested later AI-assisted features.

### InsightFlow | Data Analytics Platform

React/TypeScript and FastAPI app with PostgreSQL-backed CSV/XLSX import, dashboards, and analysis.

Personal project.

### CanteenCounter | Canteen Operations App

React, Express, and SQLite system for sales recording, offline queuing, and end-of-day totals.

Personal project.

### Shoe Mileage Monitor | Gear Tracker

Browser app for logging shoe usage hours with local storage and rule-based wear reminders.

Personal project.