

# Jay Mar Martin

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## Education

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**Cavite State University - Carmona Campus**, BS in Computer Science – Carmona, Sept 2021 – Sept 2025 Cavite

- Thesis: Augmentative and Alternative Communication Mobile Application with N-gram Model
- Advisor: Regene Hernandez, PhD

## Experience

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**Internship**, QI Company – Pasig City, Metro Manila Aug 2024 – Oct 2024

- Full Stack Developer using SQL server, .Net Framework, Blazor, C# and Entity Framework
- Localization of API that's been used in the past for other projects
- Code conversion of different functions from VB.NET to C#
- Learns and understand how the professionals work in the industry and how to collaborate with them specially the DevOps team.

## Projects

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**AACbay – Carmona, Cavite** Jan 2025 – May 2025

Augmentative and Alternative Communication Mobile Application with N-gram Model

- Helps people with communication difficulties to express themselves and interact with others using the application
- Published in the 2025 Cavite State University Carmona Campus Thesis

**Jail Visitation Management System** Aug 2025 – present

A jail visitation system with QR code recording and prisoner management

- Digitalized record of visitors and prisoners in the jail that still being used by the jail until now.
- The system is being used by the jail staff to manage the visitation of the prisoners.

**Altairs** Jan 2025 – May 2025

A Desktop application for managing and tracking students library records

- Another thesis project that has been conducted in Cavite State University Carmona Campus.
- This project is a web-based application that has been converted as a desktop application using Electron.
- It's being used by the students in Little Hairs Academy to manage their library records until now.

## Skills

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**Frontend:** HTML, CSS, JavaScript, Bootstrap, React, Blazor, Tailwind CSS

**Backend:** Python, C#, .NET, Django, Node.js, Entity Framework

**Databases:** SQL, SQL Server, SQLite, MySQL, Firebase

**Mobile Development:** Android Studio, Kotlin

**Tools & DevOps:** Git, GitHub, Docker, Power BI