

# FRANCIS EMIL M. CORTEZ

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## EDUCATION

### Pampanga State University

2022 - Present

Cabambangan, Bacolor, Pampanga

Bachelor of Science in Information Technology

Awards and Recognitions:

- Dean's List (1<sup>st</sup> Sem 2022-2023)
- Dean's List (1<sup>st</sup> Sem 2023-2024)
- President's List (A.Y. 2024-2025)
- Rank 09 Overall in College of Computing Studies (1<sup>st</sup> Sem 2025-2026)

### Assumpta Technical High School

2016 - 2022

Sta Monica, San Simon, Pampanga

Science, Technology, Engineering, and Mathematics

## SKILLS

- Strong Computer Literacy
- Communication Skills
- Teamwork Skills
- Fast Learner
- Frontend: HTML, CSS, JavaScript, ReactJS, Tailwind, Bootstrap
- Backend: PHP, Express, NodeJS
- Database: MySQL, MongoDB
- Object-Oriented Programming

## PROJECTS

### Twitch Insight

Capstone Project

- Twitch Insight is a website that uses the RoBERTa NLP model and Twitch API to analyze live chat sentiment and audience engagement.
- Built with ReactJS, Tailwind CSS, Flask, and MongoDB for a responsive, interactive, and full-stack web application.
- Features real-time sentiment graphs, reporting dashboards, and word clouds for each sentiment category to help streamers understand audience reactions.

## OBJECTIVE

Seeking an internship in the IT field to apply foundational knowledge and technical proficiency in modern technology solutions. Eager to contribute comprehensive computer literacy and collaborative teamwork skills to a dynamic team, gain hands-on experience, and develop practical skills in a professional environment while completing my studies.

### Personal Portfolio

Personal Project

- A personal portfolio website built with React and Tailwind CSS, featuring a responsive design, smooth animations, and organized project showcases.
- Live Website: [francisemilcortez.vercel.app](https://francisemilcortez.vercel.app)

### Budget Tracker

Personal Project

- A full-featured personal finance management application for tracking income and expenses with interactive visualizations and analytics.
- A secure PHP MVC application using OOP and MySQL to deliver real-time financial analytics via Chart.js, styled with Tailwind CSS and secured with CSRF protection and SQL injection prevention.
- Live Website: [bloomtracker.free.nf](https://bloomtracker.free.nf)

## CERTIFICATIONS

### IBM Skill Build

#### Cloud Computing Fundamentals

- Introduction to Cloud Computing
- Understanding Cloud Computing Services
- Understanding Cloud Deployment Models
- Virtualization on the Cloud
- Developing and Deploying Software in the Cloud
- Introduction to Data Management and Security in Cloud

#### Cisco Networking Academy

- Introduction to IoT and Digital Transformation
- JavaScript Essentials 1

#### TESDA Online Course

#### Computer System Servicing NCII

- Introduction to CSS
- Installing and Configuring Computer Systems
- Setting Up Computer Networks