

MARK ANTHONY T. REYES

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EDUCATION

Isabela State University

Bachelor of Science in Computer Science
Business Analytics

Cauayan Campus

2021 - 2025

WORK EXPERIENCE

Academy Delegate Intern (March – May 2024)

- Enhanced technical skills through Udemy courses in Front-end and Back-end Development.
- Developed a CRUD web application using Java Spring Boot, demonstrating proficiency in backend development.
- Deployed RESTful APIs, ensuring efficient data retrieval and management.

PROJECTS

Emotion-Driven Music Recommendations: Facial Detection Using Convolutional Neural Network (2024) - Kotlin, Python

- Developed an Android application that recommends music based on real-time facial expression detection.
- Trained a CNN model using the Real-world Affective Faces Database (RAF-DB) on Kaggle
- Integrated Firebase Cloud Storage to manage and stream music recommendations dynamically.

ROTC Attendance System (2024) - C#, WinForms

- Built a desktop application to track and manage attendance for ROTC sessions.
- Implemented LAN-based database sharing for real-time multi-device attendance record updates.
- Added functionality to export attendance reports in PDF, including student check-in/out times.

SK Officials Online Transparency Board (2024) - Webflow

- Designed a website using Webflow to enhance transparency in local governance in Cauayan, Isabela, Philippines.
- Developed a platform for community news and updates for various barangays.
- Incorporated 2020 Census data to provide demographic insights for each barangay.

Forecasting Peso-Dollar Exchange Using Inflation-Based Exponential Smoothing (2024) - Python

- Engineered a forecasting model to predict PHP/USD exchange rates using historical data (1970–2024).
- Analyzed long-term currency trends and the impact of inflation on exchange rates.
- Visualized historical and forecasted data using Python data visualization libraries.

CERTIFICATES

- Spring Boot 3, Spring 6 & Hibernate for Beginners (April 2025)
- Java Masterclass (April 2025)
- The Complete Full-Stack Web Development Bootcamp (April 2025)
- Information Technology Specialist | Cybersecurity (December 2024)
- YNFORM Hackathon | Data and Democracy (October 2024)
- Hack4Gov3 | Team ISUCYN 4th Place (August 2024)
- Career Service Professional Eligibility | CSE Professional Level (August 2023)

TECHNICAL SKILLS

Programming Languages: Java, C#, Python, Kotlin, SQL

Frameworks: Spring Boot, WinForms, Firebase

Developer Tools: IntelliJ IDEA, Git, MySQL, Visual Studio Code, Android Studio