

# OSCAR T. MARIBOJOC III

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## EXPERIENCE

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### Software Developer (Intern), Local Government Unit

Feb 2026 - May 2026

Catbalogan City, Samar

- Collaborated with government stakeholders and development team members to gather system requirements and translate user needs into technical solutions, resulting in the successful delivery of a QR-based athlete monitoring platform for EVRAA 2026.
- Developed frontend and backend functionalities using Flutter, Supabase, REST APIs, authentication, and relational databases to support real-time athlete tracking and activity logging, resulting in improved communication between athletes and parents.

## PROJECTS

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### HAIN KA? – QR-Based Athlete Monitoring System,

Feb 2026 - May 2026

*On-the-Job Training Project*

- Developed a QR-based web and mobile application using Flutter and Supabase to provide real-time athlete activity updates for parents and officials during EVRAA 2026, improving communication and monitoring efficiency.
- Implemented secure authentication, database management, and activity logging features, ensuring accurate record-keeping and responsible handling of athlete information.

### Real time Filipino Sign Language Translator,

Sept 2025 - Dec 2025

*Capstone Project*

- Engineered a real-time Filipino Sign Language (FSL) translation system using Python, OpenCV, MediaPipe, and a custom CNN-LSTM architecture trained on a proprietary dataset of 720,000+ image and video samples, achieving 98% validation accuracy.
- Optimized frame-processing and inference pipelines to support low-latency gesture recognition and seamless user interaction, reducing response time to under 100ms for real-time translation.

### eObra.ph: Connecting Filipino Artists with Clients,

June 2025

*1<sup>st</sup> runner up in RSCENE 2025: Hackathon*

- Engineered a cross-platform digital marketplace using Flutter and Firebase Firestore within a rapid 3-day timeline, successfully connecting Filipino creative professionals with clients across Android and web applications.
- Architected scalable cloud infrastructure featuring real-time data synchronization, ensuring seamless platform performance to support accessible freelance opportunities for the Philippine Creative Industries sector.

## SKILLS

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- **Languages:** Filipino, English.
- **Tech Stack:** Python (TensorFlow, Keras, OpenCV, MediaPipe, NumPy, Pandas, Scikit-learn, Django), C# (.NET), JavaScript (Express), Dart (Flutter), SQL (MySQL, SSMS, Supabase), NoSQL (Firebase Firestore), Git, GitHub, Google Colab.
- **Tools:** Claude, Chatgpt, Gemini, Github Copilot, Antigravity.
- **Soft Skills:** Design Thinking, Problem-Solving, Troubleshooting, Innovative, Adaptable, Communication, Hardworking, Attention to Detail.

## EDUCATION

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### Bachelor of Science in Information Technology, *Cum Laude*

Sept 2022 - June 2026

Samar State University - Main, College of Arts and Sciences