

Matthew Ariel A. Enarle

Software Developer

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PROFFESIONAL SUMMARY

I am a skilled software developer specializing in mobile app development, machine learning, and web technologies. With expertise in Android (Java), Flutter, Python, and full-stack development, I deliver high-quality, user-centric solutions. I bring value by creating innovative, scalable applications that enhance user experience and support business growth.

SKILLS

Programming: Android Development (Java), Dart (Flutter), Python, JavaScript, C++, TypeScript

Web & Mobile Development: NodeJS, NextJS, Flutter, Android Studio (Java)

Database Management: MySQL (via XAMPP), phpMyAdmin, Firestore, SQLite, Hive

Machine Learning: TensorFlow, Keras, Google Colab

Languages: English, Hiligaynon, Tagalog, Cebuano

Skills: Strong problem-solving and analytical skills, loves working under pressure to meet deadlines

Interests: Software Development, Machine Learning, Mobile Development

EXPERIENCE

Software Developer Trainee

February 2025 - Present

Spring Valley Tech Corp (Bago City, Philippines)

- Engaged in an immersive on-the-job training at Spring Valley Academy that will be utilized to work for various clients locally and internationally.

Research Programmer & Consultant

May 2024- Present

Sagay National Highschool (Sagay City, Philippines)

- Provided programming and technical consultancy to senior high school students at Sagay National High School, Negros Occidental, assisting with research and project development.

Freelance Software Developer

October 2022 - December 2024

Bacolod City, Philippines (Remote)

- Developed a diverse range of projects for various schools, students, and private clients, showcasing expertise in both front-end and back-end development.
- Created responsive websites and web applications tailored to client specifications, ensuring optimal user experience and functionality.
- Designed and developed mobile applications for both iOS and Android platforms, focusing on intuitive design and seamless performance.

PROJECTS

SHEA-A (School Health Emergency Alert - Application)

December 2024 - February 2025

- Developed a Flutter-based mobile app for school health emergencies with Firebase Authentication and Firestore for Real-time Database, equipped with Google Maps API for location tracking.

Road Eye (AI-Driven Road Damage Detection in the Philippines)

December 2024

- Developed a machine learning system using SSD to detect road cracks from user-uploaded images, enabling automated road condition analysis.

NeuroWarn BCI (Thesis) January - December 2024

- Our Thesis which is Enhancing Safety in EEG-Controlled Wheelchairs with an RNN- Based Warning System, equipped also with an AI-powered smart wheelchair solution.
 - 3rd Place (Philippine Startup Challenge - Regional Qualifier) - Title: Access Assist
 - Best Logo

Reserba	October - December 2024
<ul style="list-style-type: none"> Created a web, mobile, and admin platform for food stall reservation and management using MySQL, PHP, Flutter, HTML, and CSS. 	
Elderly Digital Steps	October - December 2024
<ul style="list-style-type: none"> Created a mobile, and admin platform for Learners and Tutors that act as learning platform with Booking, Modules, and Quizzes using MySQL, PHP, Flutter, HTML, and CSS. 	
Off the Grid	April - July 2024
<ul style="list-style-type: none"> Created a Hike tracking app similar to Strava but for Mountaineers in Negros Occidental using Google Maps API, Firebase, and Android Studio with Java. 	
Senyas (<i>Centralized Warning System for DRRM</i>)	March - May 2024
<ul style="list-style-type: none"> Developed a disaster response system using ESP Wi-Fi, sensors, LEDs, and sound alerts, with notifications sent to a mobile app built with Android Studio (Java). 	
Dr. Rodolfo T. Blancia Infirmary	December 2022 - January 2023
<ul style="list-style-type: none"> Designed a Google Sites website showcasing hospital information and services based in Kabankalan City, Negros Occidental. 	
EzPark	April - May 2023
<ul style="list-style-type: none"> Developed a Flutter-based parking reservation app for the Lasalle area, utilizing Hive as the database 	
Brgy. Mandalagan – Community Website	March - July 2022
<ul style="list-style-type: none"> Built a Google Sites-based community website integrated with Google My Maps for interactive features. 	
Artist Guild	November 2021
<ul style="list-style-type: none"> Contributed as a member, specializing in film photography and creating featured projects. 	

EDUCATION

West Visayas State University	2021 - Present
BS in Computer Science, Major in Artificial Intelligence	
<ul style="list-style-type: none"> GWA: 1.37 Thesis: <i>NeuroWarn BCI</i>: Enhancing Safety in EEG-Controlled Wheelchairs with an RNN-Based Warning System 	
Liceo de Lasalle - Senior High School	2018 - 2020
Senior High (STEM)	
<ul style="list-style-type: none"> With High Honors, Principals Distinction 	
University of St. Lasalle - Prep to 10th Grade	2008 - 2018
Junior High	
<ul style="list-style-type: none"> Eagle Scout Awardee: Boy Scout of the Philippines Basketball Varsity Team: 2011-2018 	