

Mark Matthew Masalunga

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<https://mtrsvn.vercel.app> | <https://github.com/mtrsvn>

TECHNOLOGIES AND LANGUAGES

JavaScript, TypeScript, PHP, React, Next.js, React Native, Expo, Bootstrap, Tailwind CSS, Laravel, Node.js, Express, MySQL, MongoDB, Firebase, Vercel, Render, Visual Studio Code, Antigravity, Cursor, Git, GitHub, Figma, Adobe Photoshop, Adobe Illustrator, Canva

PROJECTS

Avisa | TypeScript, React Native, Expo, Node.js, Express, Firebase, Google AI Studio, REST API

- Developed cross-platform mobile app with bilingual support for local ordinance and national law accessibility.
- Implemented a smart, context-aware AI chatbot to assist users in navigating complex legal concepts interactively.
- Built document detail view with PDF rendering, language toggle, and "Ask More" follow-up functionality.

Avisa Admin Dashboard | JavaScript, React, Node.js, Express, Firebase, Google AI Studio, REST API

- Implemented analytics dashboard for tracking user engagement, document usage, and system performance metrics.
- Built document upload system with AI-powered extraction of structured information from legal documents.
- Developed role-based access control with jurisdiction-aware permissions and full audit logging for compliance.

NUtify Admin Dashboard | JavaScript, PHP, React, MySQL

- Built admin dashboard for managing and monitoring data for the NUtify mobile application.
- Developed reusable and scalable UI components to improve maintainability and performance.
- Created promotional landing page to support user acquisition and showcase app features.

Metaverse Records | PHP, Laravel, MySQL, Bootstrap

- Built a full-stack Laravel web app with models, controllers, views, and authentication.
- Created secure admin and staff panels with PHPMailer OTP email verification.
- Added product management and purchase features to strengthen full-stack development skills.

Caffio | TypeScript, React Native, Expo, Node.js, Express, Google AI Studio, Firebase

- Cross-platform café discovery app built with React Native (Expo) and a Node/Express API backend.
- Integrated a recommendation service with Google AI Studio to surface personalized "For You" café suggestions.
- Architected location-based queries to filter and surface the closest cafés based on user coordinates.

Stellar Wallet | Type Script, React Native, Expo, Ethers.js

- Built a cross-platform Ethereum wallet with HD wallet key generation and encrypted local storage for private keys.
- Integrated Sepolia testnet RPC and Etherscan API for transaction history and blockchain data lookup.
- Implemented QR-based send/receive functionality with in-app scanner for peer-to-peer transfers.

COURSES AND CERTIFICATIONS

Bitget

2026

Blockchain4Youth Learning Hub Program - Blockchain Technology, Web3 Fundamentals, Decentralized Finance (DeFi), Smart Contracts, Digital Assets & Cryptography, Decentralized Applications (dApps)

Google for Education

2026

Gemini Certified University Student - Generative AI Fundamentals, Prompt Engineering, Responsible AI Use, AI-Powered Productivity

Certiport

2025

IT Specialist in Networking - Basic Networking Infrastructure, Internet Protocol, Local Area Networking, Network Security, OSI Model, Wide Area Networks, Wired and Wireless Networks

GitHub

2025

GitHub Foundations - Build Pipeline, Continuous Delivery, Continuous Integration, DevOps, GitHub, GitHub Actions, Release Management

Certiport

2024

IC3 GS6 Level 1 - Communicate Effectively Through Digital Channels, Create Digital Content, Fundamental Software Concepts, Identify Etiquette Standards for Collaboration, Identify Threats and Security Measures In Digital Environments, Protect Digital Reputation and Identity, Use Online Search

EDUCATION

National University Lipa - Bachelor of Science in Information Technology

2023 – Present

- Specialization in Web and Mobile Applications Recognition

Cuenca Senior High School - Humanities and Social Sciences Strand

2021 – 2023

- Honors Recognition

Kalayaan Christian School - High School Diploma

2017 – 2021