

Rafael Martin Mariano

Software Engineer



San Jose del Monte, Bulacan, Philippines (Open to Remote)

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PROFESSIONAL SUMMARY

Full-stack developer and network administrator with 8+ years spanning web application development (Laravel, React) and ISP-grade network infrastructure (MikroTik, FTTH/OLT). Built and shipped production systems including an ISP billing platform. Comfortable owning a project end to end from Linux server provisioning and Docker deployment to frontend delivery.

TECHNICAL SKILLS

Frontend: React, React Native, Tailwind CSS

Backend & CMS: PHP, Laravel, Filament, Statamic CMS, ASP.NET (C#), REST APIs

Databases: MySQL, MS SQL Server, SQLite

DevOps / Servers: Ubuntu Linux, Docker, Nginx, Apache, AWS, Azure, Git

Networking: MikroTik RouterOS, Ubiquiti, FTTH, IP/DNS/DHCP, VPN

AI & Automation: RAG, Prompt Engineering, MCP Server integration, Claude Code/Project/Skills, n8n

WORK EXPERIENCE:

Apr 2026 - Present

F.A.M.E Health Labs, LLC

Software Engineer

- Implement ERP solutions using Deacom ERP by developing user-defined expressions, revising PartForms, automating workflows, creating triggers, and customizing grid layouts to meet business requirements.
- Designed and deployed a centralized AWS, hosted MCP server integrated with Claude, enabling AI to securely interact with the Deacom ERP database through official API endpoints.
- Containerized application instances using Docker to simplify deployment, isolation, and maintenance.
- Developed a specialized AI Skill for Deacom ERP, enabling AI to understand system navigation, table relationships, and the Deacom Scripting Engine for more accurate assistance.
- Currently developing an in-house Laboratory Information Management System (LIMS) for Curi Lab, covering laboratory workflows and operational processes.
- Architected and implemented a centralized Single Sign-On (SSO) solution, providing secure authentication and a scalable identity platform for current and future internal applications.

Jun 2020 - Mar 2026

Gutesmar I.T Solutions

Software Developer / Network Administrator

- Designed and implemented large-scale network infrastructures, overseeing on-site deployment and ensuring reliable, scalable network operations.

- Led research and development initiatives to evaluate and adopt emerging networking technologies and industry best practices.
- Coordinated IT technicians by planning, assigning, and supervising technical projects to ensure efficient and timely execution.
- Managed and optimized enterprise-grade MikroTik RouterOS environments, maintaining network performance, reliability, and high customer satisfaction through technical support and troubleshooting.
- Architected and developed **ProTik Manager**, a multi-tenant SaaS platform that streamlines ISP operations by integrating subscriber management, automated MikroTik router provisioning, billing and collections, service suspension and restoration, network monitoring, mapping, and business analytics into a single web-based solution.
- Engineered deep integration with MikroTik RouterOS to automate network configuration, subscriber lifecycle management, and operational workflows, significantly reducing manual administration and deployment time.
- Designed the platform with a scalable multi-tenant architecture, enabling multiple Internet Service Providers to securely manage their own subscribers, network infrastructure, and business operations from a centralized cloud environment.

May 2019- June 2020

Freelance Web Developer

PHP System Developer

- Maintained, enhanced, and improved an existing internal PHP-based web application.
- Developed and implemented new modules and pages, including funnels, reports, and user roles & permissions.
- Designed and optimized SQL queries to support application functionality and improve performance.
- Developed reusable PHP classes and handlers using Object-Oriented Programming (OOP) principles.
- Improved the user interface and overall user experience of the existing system.

Mar 2018- May 2019

Skyline Hospital and Medical Center

Marketing Officer

- Designed marketing materials to promote the hospital's services, including creating and printing flyers that aligned with the hospital's brand identity and visual guidelines.
- Learned web development to build and maintain the hospital's marketing website, expanding its online presence and improving accessibility to healthcare information.
- Participated in community marketing campaigns by conducting outreach to barangays and local businesses, helping increase awareness of the hospital's services and promote better access to healthcare within the community.

Apr 2017- Sep 2017

QuintilesIMS

Data Analyst

- Processed and cleaned millions of records from pharmaceutical company clients, ensuring data accuracy, consistency, and integrity before analysis and reporting.
- Prepared accurate daily, weekly, monthly, and quarterly reports using Microsoft Excel.

- Developed Excel VBA Macros to automate repetitive reporting tasks, improving efficiency, reducing manual errors, and ensuring consistent report generation.

Jan 2016- Dec 2016

Beyond Innovations Inc.

IT/Admin Staff

- Started as an IT Staff, responsible for maintaining the company's IT infrastructure, including computer assets, internet connectivity, and local network systems. Ensured high system availability and optimal network performance, enabling employees across the organization to work efficiently with minimal downtime.