# Lawrence Miguel T. Marcelo

Email: miguelmarcelooo25@gmail.com

Mobile Number: +63 9088760769

LinkedIn: https://www.linkedin.com/in/miguelmarcelooo/

Address: Punturin Valenzuela City, Metro Manila

---

## OBJECTIVE

Results-driven and detail-oriented Software Engineer with extensive experience in designing, developing, and deploying full-stack web applications. Highly proficient in modern backend technologies and database systems, with a strong emphasis on MongoDB for scalable data architecture, performance tuning, and robust data modeling. Skilled in deploying cloud-native applications on AWS and Microsoft Azure, and in implementing continuous integration and delivery (CI/CD) pipelines using GitHub Actions to streamline development workflows. Seeking to contribute to an innovative and growth-focused organization where I can leverage my technical expertise, cloud proficiency, and team-oriented mindset to deliver secure, high-performance software solutions that drive real business value.

## EDUCATION

Far Eastern University March 2016 - January 2018

Far Eastern University - Institute of Technology - Bachelor of Computer Engineering

August 2018 - June 2023

## CERTIFICATION

- CCNA: Introduction to Networks September 2022
- CCNA: Enterprise Networking, Security, and Automation
- CCNA: Switching, Routing, and Wireless Essentials March 2022
- Introduction to Packet Tracer Introduction to Packet Tracer Cisco July 2021
- MTA: Microsoft Certified Professional Python 2022
- MTA: Introduction to Programming using Java March 2021
- Microsoft Certified Professional Python 2020 Issued July 2020
- The Complete 2024 Web Development Bootcamp - Udemy
- Safety Officer 2 - Occupational Safety and Health (OSH)

## EXPERIENCE

**SOFTWARE ENGINEER**
**Rethink Safety | October 2023 - Present**

- Spearheaded the full development lifecycle of a safety management software solution built from the ground up, enhancing risk assessment, compliance monitoring, and incident reporting processes.

- Engineered full-stack web applications using PHP (Laravel), HTML5, CSS3, and modern JavaScript frameworks including Vue.js and React.js, ensuring high-performance, responsive, and user-friendly interfaces.

- Developed and optimized backend architecture and database structures using MongoDB and MySQL, with a focus on data scalability and integrity.

- Designed and executed automated deployment pipelines using GitHub Actions, including secure deployments via Bastion hosts and custom Bash scripts, reducing manual overhead and improving system reliability.

- Managed cloud infrastructure on AWS and Microsoft Azure, leveraging services such as EC2, S3, Lambda, and Azure App Services to support secure and scalable deployment environments.

- Integrated external systems and APIs through REST, SOAP, JSON, and XML web services, enabling seamless third-party communication.

- Conducted validation and verification testing to ensure functionality, performance, and quality assurance across production-ready systems.

- Mentored junior developers, providing guidance on architecture decisions, coding best practices, and hands-on support throughout the development process.

- Delivered innovative, cloud-native safety solutions that enhance community engagement and enable real-time access to critical safety data.

**FULL STACK DEVELOPER INTERN**
**Achieve Without Borders | December 2022 - March 2023**

- Contributed to the development of business applications using the Odoo framework, leveraging Python for backend logic and module customization to meet client-specific requirements.
- Assisted in integrating new technologies and features into the Odoo platform, ensuring the system remained current, scalable, and aligned with industry standards.
- Collaborated with cross-functional teams to gather requirements and translate business needs into functional software features.
- Created and maintained technical documentation for system enhancements, feature implementations, and deployment processes to support ongoing development and client transparency.
- Participated in debugging and optimizing application performance to ensure stability and smooth user experiences.
- Actively communicated with clients and internal teams to ensure solutions were aligned with project goals, business objectives, and client satisfaction.

**FRONT-END DEVELOPER INTERN**
**Melham Construction Corporation | December 2022 - March 2023**

- Collaborated with designers and backend teams to deliver responsive UI with HTML, CSS, and JavaScript.
- Focused on enhancing cross-device web performance.

**SOFTWARE PROFICIENCY**

- Python Programming
- Git Hub / Git Lab
- MySQL/NoSQL
- Wampserver
- Java Script
- WordPress

- TypeScript
- Git Bash
- Laravel
- Redis
- Nginx
- Gitub Actions

- AWS
- Azure
- MongoDB
- Node.js
- React.js
- Next.js

- Vue.js
- Tailwind
- HTML / CSS

**SOFT SKILLS**

- Adaptability & continuous learning
- Collaborative communication
- Analytical problem-solving
- Attention to detail
- Agile teamwork

- Time & priority management
- Leadership & mentoring
- Strategic thinking
- Customer-centric mindset
- Resilience under pressure