

Diether Y. Marcelo

Lead Software Engineer | Full Stack Developer
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Professional Summary

Lead Software Engineer with 5 years of experience architecting and delivering scalable, secure web and mobile solutions. Delivered high-impact platforms including enterprise admin systems, e-commerce solutions, and movie ticketing systems, ensuring performance, reliability, security, and business alignment.

Professional Experience

Lead Software Engineer, Samsung R&D Institute Philippines (SRPH) Sep. 2023 – Present

- One of the main contributors for a project which secured over 2 billion Samsung devices, used to manage over 150 million devices and helped over 35,000 businesses in 100+ countries achieve their goals at a global scale.
- Led development of high-priority enterprise frontend features using React, supporting devices globally, ensuring scalability, performance, and maintainability across microfrontend architecture.

Web Developer, GMA New Media Inc. Jun. 2021 – Sep. 2023

- Built and maintained 6 high-traffic production websites within a compressed timeline, ensuring scalability and performance.
- Develop and maintain websites which generates amount to US\$0.3m in a year.

Projects

Samsung Knox Cloud Services Portal

- Designed and implemented shared components and UI libraries to standardize features across multiple modules, improving development speed and maintainability.

Ayala SureSeats Online Movie Ticketing System

- Developed and maintained the web platforms for Ayala SureSeats, enabling secured and seamless online movie ticket booking.

Metrobank Art and Design Excellence Website

- Developed and maintained a functional and responsive website for the MADE program, enabling users to explore, and reserve artworks online.

Technical Skills

Languages	JavaScript, TypeScript, Go, PHP, Java, C#, Python, Kotlin
Frontend	HTML, CSS, React, Angular, Vue.js, Next.js, Shopify
Backend	Node.js, Express.js, Codelgniter, .NET Core, Laravel, Spring Boot, Django
Database	PostgreSQL, MySQL, SQL Server, MongoDB, Redis, Firebase
Cloud & DevOps	AWS, Azure, Git, GitHub Actions, Jenkins, Docker, Kubernetes
Architecture	Microservices, Design Patterns, MVC, Monorepo, REST API
Testing	Cypress, Jest, JUnit, Mockito
Artificial Intelligence	OpenCV, TensorFlow, Speechify

Education

Bachelor of Science in Information Technology, Colegio de Sta Teresa de Avila | 2015 – 2022

Certifications

Building Modern Web Applications with Go (Golang), Udemy | 2026