

JAY-MARK MATIAS MORALLA

Software Engineer/Team Lead

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with 8+ years of experience designing, developing, and deploying scalable enterprise applications using Microsoft technologies. Proven expertise in **.NET development, microservices architecture, cloud platforms (AWS), and CI/CD pipelines**. Experienced Team Lead with a strong background in Agile methodologies, system design, and mentoring engineers to deliver high-quality software solutions.

TECHNICAL SKILLS

Languages & Frameworks:

C#, ASP.NET Core, ASP.NET Web API, ASP.NET MVC, Blazor, VB.NET, Python, React, JavaScript, jQuery, AJAX, HTML5, CSS3

Cloud & DevOps:

AWS (EC2, S3), Docker, GitLab CI/CD, Jenkins

Databases:

PostgreSQL, SQL Server, MySQL, Firebase

Tools & Platforms:

GitHub, GitLab, ServiceNow, Databricks, Power Apps, Power Automate, Miro, Asana, GitHub Copilot, Vercel

Concepts:

Microservices Architecture, REST APIs, Object-Oriented Programming (OOP), Agile/Scrum, Prompt Engineering

PROFESSIONAL EXPERIENCE

Senior Application Systems Engineer/Consultant

WeServ Systems International, Inc. (Fujitsu)

June 2022 – February 2026

- Designed and developed **microservices-based enterprise systems** for Flexible Commerce using ASP.NET Core, Web API, and Blazor
- Built scalable applications deployed via **Docker and CI/CD pipelines (GitLab, Jenkins)**
- Developed Supply Chain Data Services using **Python, PySpark, Databricks, and AWS (EC2, S3)**
- Led the development team in collaboration with cross-functional teams in Agile environment, ensuring timely delivery and maintaining high-quality development standards
- Performed code reviews, created work breakdown structures (WBS), and mentored junior to mid-level developers
- Managed service workflows using ServiceNow and supported production deployments
- Prepared and analyzed business requirements, performance metrics, and retrospective reports

IT Administrator

Pag-IBIG Fund

October 2019 – May 2022

- Developed and deployed enterprise systems used nationwide, including:
 - Fixed Assets Management System
 - Purchase Order and Requisition Systems
 - Plan of Payment System for housing loan borrowers
- Built applications using **C#, ASP.NET MVC, VB.NET, and SQL Server**

- Designed and optimized stored procedures and database schemas
- Improved operational efficiency through automation of manual processes

Programmer

Philippines International Life Insurance Co., Inc.
April 2019 – October 2019

- Developed internal reporting systems in compliance for Credit Information Corporation (CIC) and Insurance Commission (IC)
- Built internal applications such as Premium Receipt and Loan Systems
- Maintained financial reporting systems including GPV and RBC reports
- Used **VB.NET, VB6, and MySQL** for legacy and modern system integration

IT Specialist

WeDo BPO Inc.
June 2016 – March 2018

- Developed internal systems including Inventory, Attendance, and Payroll application
- Managed Active Directory, servers, and database backups
- Provided technical support and system training to employees
- Maintained system performance and ensured data integrity

EDUCATION

Bachelor of Science in Information Technology

Northwest Samar State University
March 2016

KEY ACHIEVEMENTS

- Led the development of enterprise microservices systems used in large-scale commerce platforms
- Successfully deployed nationwide systems improving operational efficiency
- Mentored engineers and contributed to team scalability and delivery performance

ADDITIONAL INFORMATION

- Familiar with AI-assisted development tools (GitHub Copilot, GPT-based tools)
- Strong leadership, communication, and problem-solving skills
- Open to hybrid or remote opportunities

REFERENCES

Available upon request.