Kyaw Zay Moore

Senior Software Engineer

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ABOUT ME

With over 9 years of experience in software development, specializing in backend development using .NET, I bring a wealth of knowledge to any project. While I have some experience with Go and Node.js, my expertise lies primarily in .NET. Additionally, I have over 5 years of experience working with AWS and Azure cloud services. I am also skilled in Docker containers and Kubernetes for efficient application deployment and management.

I have successfully taken on roles as a Tech Lead, guiding teams and projects to success. I am currently exploring opportunities to become an Solution Architect while expanding my expertise in backend development using Go or Node.js, particularly in Microservices Technology.

EXPERIENCE

Codigo - The Mobile App Company
Oct 2018 - Present

Tech Lead
Jan 2023 - Present
- Provide technical leadership and guidance to the development team, assisting in architectural decisions.
- Collaborate with project managers, product owners, and other stakeholders to ensure successful project delivery.
- Collaborate with frontend developers and designers to integrate frontend and backend components seamlessly.
- Ensure clear and updated technical documentation for easy project onboarding and contribution.

Backend Team Lead
Jan 2022 - Present
- Lead the backend development team by setting goals, assigning tasks, and facilitating effective communication.
- Design scalable and eficient backend solutions using .NET technologies to meet project requirements.
- Implement CI/CD pipelines for automated testing, code deployment, and feature integration.

.Net Developer
Oct 2018 - Present
- Designed and developed scalable APIs using .NET technologies.
- Integrated secure authentication and authorization mechanisms into APIs for enhanced security.
- Collaborated closely with frontend and mobile developers to ensure seamless API integration.

Myanmar High Society
Jan 2015 - Sep 2018

Senior Developer Team Lead
- Led offshore development and outsourcing projects, focusing on requirement gathering and analysis.
- Managed project development, from design to deployment, including team management and client support.
- Delivered training to junior developers and designed applications and databases for clients.

PROJECTS

Kcuts Mobile App (Customer & Stylist Apps with Admin Portal)
Codigo

Role: Senior Backend Developer
Toools & Technologies: NET Core APIs, AWS ECS, Redis Cache, Firebase Realtime, MySQL
- Led the backend development of the Kcuts ecosystem, comprising customer and stylist mobile apps, and an admin portal (CMS).
- Designed and maintained RESTful APIs to power all app functionalities, ensuring seamless integration across the customer app, stylist app, and CMS.
- Implemented features such as ticket purchasing, express queue management, stylist selection, and real-time queue synchronization using Firebase Realtim
- Optimized backend performance with Redis caching and deployed scalable services using AWS ECS, ensuring minimal downtime and fast response times.

AIA+ (Insurance App)
Codigo

Role: Backend Developer
Toools & Technologies: Azure AKS, GitHub Actions, CI/CD, Docker, Kubernetes
- Set up the server deployment for the AIA Insurance app, utilizing Azure AKS for scalable containerized hosting.
- Implemented CI/CD pipelines with GitHub Actions to automate build, test, and deployment processes, ensuring fast and reliable releases.
- Configured Docker containers and Kubernetes for seamless application scaling and high availability.
- Collaborated with the development team to streamline deployment processes and improve overall system performance.

Isetan (Loyalty Mobile App) *Codigo*

Role: Technical Lead & Backend Lead
Toools & Technologies: NET 6, C#, MVC, JWT, AWS, SQL Server
- Led the backend development and architecture design for a loyalty mobile app used by thousands of users.
- Integrated a third-party POS system API to synchronize purchase data and loyalty points in real time.
- Designed and developed a CMS web portal using .NET MVC for admin management, enabling administrators to manage loyalty programs, promotions, and user data efficiently.
- Developed secure REST APIs to support mobile app functionalities, including user registration, point redemption, and transaction history.
- Deployed the application on AWS EC2, ensuring scalability and high availability.
- Collaborated with mobile and QA teams to deliver a seamless and reliable user experience.
- Improved system performance, reducing API response times.

Don Don Donki (Reward Mobile App) *Codigo*

Role: Senior Backend Developer
Toools & Technologies: .NET 6, C#, REST APIs, Azure, MySQL, Multi-Region Architecture
- Developed and maintained the backend for a regional reward mobile app used across 7 countries, supporting millions of customers.
- Designed and implemented a flexible point calculation system managed on the server side, accommodating both country-specific and cross-country reward schemes.
- Built a multi-country CMS web portal using .NET MVC, enabling administrators to manage reward programs, customer data, and promotions for individual countries and across regions.
- Developed scalable and secure REST APIs to handle customer registration, reward tracking, and multi-region point redemption.
- Deployed a multi-region architecture on Azure, ensuring low latency and reliable performance for diverse geographies.
- Optimized database queries for multi-country operations, achieving a improvement in performance.

YogaMovement (Booking System) *Codigo*

Role: Technical Lead & Backend Lead
Toools & Technologies: ASP.NET Web Forms, .NET Framework MVC, REST APIs, SQL Server, AWS, EC2
- Led the development and enhancement of a yoga booking system, including a web app, mobile app, and CMS for the YogaMovement brand.
- Communicated with clients to gather requirements, design system flows for new features, and align on project deliverables.
- Transitioned the system from single-country to multi-country operations, enabling seamless regional scalability.
- Improved the CMS (ASP.NET Web Forms) for multi-region management, supporting location-specific schedules and cross-country bookings.
- Enhanced APIs (.NET Framework MVC), reducing response times by 30% and handling higher traffic volumes.
- Collaborated with developers and QA teams to implement and test new requirements, ensuring timely and high-quality deliveries.

EDUCATION

National Management College (Yangon, Myanmar) *2014*

Diploma in Software Engineering

Gusto Higher Education Institute *2013*

Diploma in .NET Framework

CERTIFICATIONS

Coursera

AWS Cloud Technical Essentials	*Nov 2021*
Building Modern .NET Application on AWS	*Oct 2021*
Building Containerized Applications on AWS	*May 2021*

TECHNICAL SKILLS

Programming Languages : C#, .NET, .NET Core, ASP.NET, Go, Node.js, JavaScript, jQuery, React, Flutter

Databases : MSSQL, MySQL, MongoDB

Tools & Technologies : Docker, Kubernetes, AWS, Azure, Redis, Firebase, Git, GitHub, Hangfire

Soft Skills : Team Leadership, Stakeholder Communication, Architectural Design, CI/CD Implementation