

YEE MON ZAW

Singapore | (+65) 88635453 | yeemonlay02@gmail.com

[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Software Engineer with strong experience in designing and building scalable web applications and APIs. Expertise in ASP.NET Core, Azure Cloud, and modern DevOps practices. Proven track record in backend development, API integration, and handling complex data across relational and NoSQL databases. Passionate about integrating AI-driven solutions to enhance industrial business processes.

TECHNICAL SKILLS

- **Backend Development:** C#, ASP.NET Core, Entity Framework Core, RESTful APIs, SOAP APIs, OPC UA
- **Cloud & DevOps:** Microsoft Azure, Docker, CI/CD Pipelines (Azure DevOps, GitHub Actions)
- **Databases:** MSSQL, PostgreSQL, Azure Cosmos DB, Redis, Supabase
- **Frontend Development:** React, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery
- **Security & Integration:** JWT, OAuth 2.0, OpenID Connect (Microsoft Entra ID), OWASP Secure Coding, RBAC
- **AI & Modern Tech:** Generative AI, Prompt Engineering, AI-Assisted Development
- **Tools:** Git, GitHub, Bitbucket, DevExpress, Crystal Reports, PowerShell

PROFESSIONAL EXPERIENCE

YTL PowerSeraya, Singapore | Senior Software Development Engineer | May 2022 – Present

- Led end-to-end development of enterprise energy trading and gas management systems to automate core utility operations.
- Architected a secure data bridge using OPC Foundation .NET Standard to stream real-time telemetry from PLC controllers to Azure Cosmos DB.
- Orchestrated the migration of legacy .NET applications to Azure Cloud, including framework upgrades and infrastructure modernization.
- Engineered CI/CD pipelines to automate Azure deployments, improving release velocity and reducing manual errors.
- Executed secure B2B and SFTP integrations with external partners for seamless cross-company data exchange.
- Resolved critical performance bottlenecks through root cause analysis and proactive application monitoring.
- Managed production deployments and collaborated with offshore teams to ensure high-quality delivery and successful UAT.

Koe Koe Tech IT Social Enterprise, Myanmar | Senior Web Developer | Feb 2017 – Apr 2022

- Led development of web applications and backend APIs, translating complex workflows into scalable digital solutions.
- Designed and deployed admin portals, messenger chatbots, and real-time KPI dashboards for data-driven decision-making.
- Engineered secure API integrations with major Myanmar banks, mobile wallets, and IoT hardware.
- Managed and upskilled junior developers and interns, fostering a culture of technical excellence and knowledge sharing.
- Implemented localization strategies to ensure product accessibility across diverse regional markets.

SYNC Global Myanmar, Myanmar | Junior Web Developer | Nov 2015 – Jan 2017

- Developed new features and optimized existing web systems to improve functionality and user experience.
- Authored and maintained comprehensive documentation for software installations and system configuration changes.
- Provided Tier 1 support for customer service inquiries, troubleshooting technical issues to ensure platform stability.

EDUCATION & CERTIFICATIONS

- Azure Developer Associate (AZ-204) | Microsoft (March 2024)
- Bachelor of Engineering (Information Technology) | Technological University Thanlyin, Myanmar