PICHA PATRANERAMIT

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SUMMARY

Full Stack Developer with 2+ years of experience building enterprise web, mobile, and kiosk systems using C#, .NET, SQL Server, and RESTful APIs. Experienced in large-scale API design, system modernization, and secure payment and hardware integration, with strong end-to-end delivery and a Master's focus in Cybersecurity, including a thesis on penetration testing and OWASP-based vulnerability mitigation.

WORK EXPERIENCE

Full-Stack Developer, meeSoft Co, Ltd.   Mar 2024 - Present

- Designed and deployed 39+ RESTful API endpoints to support extensive building management features and user services for a large-scale public community mobile application.
- Developed 5 core RESTful API endpoints using C# & LINQ for Smart Locker system, enhancing secure package handling for a premium residential condominium.
- Led the migration of a legacy mobile application from Xamarin to .NET MAUI, restoring availability on the Google Play Store and ensuring full compatibility with the latest Android OS, while reducing long-term maintenance risks.
- Engineered specialized libraries to connect EDC hardware with 2 Major Thai Banks and 1 International Bank, alongside integrating third-party payment gateways for secure web transactions.
- Managed the Access Control System for a top-ranked university in Thailand, overseeing hardware configuration (Board IPs/Security Zones) and implementing granular user permission protocols.
- Built and deployed an Automated Server Monitoring Service with real-time API tracking and SMTP alerts, significantly reducing system downtime.
- Developed an Automated Cleanup Bot for server storage management, including pre-and-post disk space analysis and automated reporting, reducing manual maintenance by 90%.
- Led end-to-end development and implementation of an interactive kiosk system for a world-class indoor playground in Thailand, using Unity, C# for an interactive front-end and C# with RESTful APIs, LINQ, and SQL Server for backend services and data management.

.NET Developer, PRO BIZ SOFT Co., Ltd.   Nov 2023 - Feb 2024

- Developed and maintained front-end web applications using C#.NET, React, TypeScript, Node.js, HTML, and CSS to support business operations and implemented responsive, UX/UI-compliant user interactions and interfaces.
- Troubleshot and resolved application issues to ensure stability and performance.

EDUCATION

Master of Science in Information Technology   Jun 2023 - Present
Thai-Nichi Institute of Technology

- Thesis on Enhancing Web Application Security in Thai Hospitals through Vulnerability Assessment, Penetration Testing and OWASP-Based Vulnerability Mitigation
- Academic Conference on 2nd Bansomdejchaopraya National and International Conference (BS2S 2026)

Bachelor of Business Administration (Japanese)   2014 – 2018
Thai-Nichi Institute of Technology

PROJECTS

- **Cyber Security:** Enhancing Web Application Security in Thai Hospitals through Vulnerability Assessment, Penetration Testing and OWASP-Based Vulnerability Mitigation
- **AI:** Computer Vision: Rice Grain Variety Detection using YOLOv8

SKILLS

- C# .NET
- SQL Server
- .NET MAUI
- Unity Game Engine
- Python
- Typescript
- Kali Linux
- OWASP ZAP
- Nikto
- Burp Suite