

Punjagon Suwanneth

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Professional Summary

Technical Lead / IT Assistant Manager with proven experience leading engineering teams, owning delivery and technical direction, and bridging business and technology across international environments. Demonstrated ability to modernize complex systems, improve development practices, and deliver high-quality solutions through strong leadership, architectural oversight, and hands-on technical expertise.

Work Experience

Technical Lead

ANAVEO GROUPE (Jan 2025 – Present)

- Led the modernization and full overhaul of a legacy **WPF core application**, driving architectural refactoring and supervising the transition to a redesigned UI/UX.
- Owned and validated the design and implementation of the **IoT integration layer** using **Azure IoT Hub**, ensuring reliable handling of camera events, hardware triggers, device signals, and relay operations.
- Acted as the **Technical Decision Maker**, validating requirements, assessing technical feasibility, performing high-level estimations, and ensuring alignment with architectural and platform standards.
- Directed **cross-region collaboration** between the Thailand development team and France-based engineering and solution architecture teams, ensuring consistent system design and smooth integration.

- Established and enforced **engineering standards and development practices** for the Thailand team, covering code quality, workflows, SDLC discipline, and architectural alignment.
- Worked closely with international leadership, including the **Managing Director**, translating business objectives into executable technical roadmaps and delivery strategies.
- Served as **Scrum Master and Team Lead**, overseeing sprint planning, backlog prioritization, task assignment, code reviews, developer mentoring, QA coordination, and overall delivery quality.
- Designed and maintained **CI/CD pipelines** using **Azure DevOps**, covering .NET/WPF and Windows Service builds, artifact management, automated versioning, branch policies, code scanning, and quality gates.
- Provided hands-on technical support for complex issues, stepping in to resolve **critical production bugs** and unblock high-impact releases when needed.
- Participated in **technical interviews and hiring decisions**, evaluating candidates for technical capability, team fit, and long-term engineering standards.

Project Leader

BHC24 Chatbot Care System · Freelance (Aug 2024 – Contract)

- Led the design and delivery of a healthcare chatbot MVP, managing a cross-functional development team from solution design through production release.
- Designed and implemented a **serverless backend architecture on AWS** using **Rust**, ensuring scalability, reliability, and secure handling of patient data.
- Integrated **LINE Messaging Platform** and **LINE LIFF** as the primary user interface, enabling patient interaction through chat-based workflows.
- Developed and deployed a **React-based web interface** using **AWS Amplify**, with automated CI/CD pipelines via **GitHub Actions**.
- Applied **Clean Architecture** principles to ensure long-term maintainability and clear separation of concerns across services.
- Implemented backend services using **AWS Lambda, API Gateway, DynamoDB, and S3**, handling webhook processing and medical record storage.
- Worked closely with stakeholders to refine requirements and align technical solutions with real-world healthcare workflows.
- Delivered measurable improvements in medical record handling efficiency, reducing response time for healthcare staff.

Technical Lead

Krungsri Nimble Co. Ltd. (Jan 2022 – Jul 2024)

- **Project:** KMA Application
- **Release Owner:** Managed all aspects of release cycles, from planning to deployment, ensuring the application met quality and performance standards.
- **Platform Migration:** Led the migration of legacy systems to a modern platform, improving application performance, stability, and security while preparing the system for future scalability.
- **Team Leadership:** Directed a team of developers, providing technical guidance, code reviews, and mentoring.
- **Technical Consultation:** Worked closely with stakeholders, translating business requirements into technical solutions.
- **Product Support:** Oversaw troubleshooting and provided technical assistance to ensure smooth operations.

Senior Full Stack Programmer

Thanachart Insurance Plc. (Dec 2021 – Dec 2022)

- **Project Leader:** [Thanachart HR Website](#)
- Developed the website using **Sitefinity CMS (C#)**.
- Designed the **Azure architecture** and managed **database design**.
- Collaborated with the **NTT Vendor** for seamless integration.
- Generated HTTPS certificates using **Let's Encrypt** and handled production deployment.
- **Full Stack Developer:** Fraud Detection Warning Website (Report & Daily Mail Report Scheduler)
- Frontend developed using **React.js**.
- Backend implemented using **Node.js**.

Programmer Analyst (Team Leader)

Hatari Wireless Co., Ltd., Bangkok (Aug 2018 – Nov 2021)

- **Report Analytics Framework:** Developed a **Responsive Online Merchant Website** similar to Google Analytics.
- Utilized **Highcharts** for data visualization and **RESTful APIs** for backend communication.
- Managed **SQL Server**, stored procedures, and version control with **Git**.
- **Real-time Communication Framework:** Built a **queue calling system** for mobile apps.

- Used **SignalR** for real-time communication and **Xamarin** for mobile app development.
 - Implemented backend services using **RESTful APIs** and managed data with **SQL Server**.
 - **KRUNGSRI Mobile Banking**: Managed development of the mobile banking system using the **MVVM** architecture pattern.
 - Built with **Xamarin** and maintained using **Git**.
 - **Backend Website (Full Stack)**: Developed and maintained a backend website using **MVC**, **RESTful APIs**, and **SQL Server**, deployed on **IIS** with version control via **Git**.
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Side Projects

Truck Rental Platform (IoT Interface)

- **Project Lead**: Led a team of 3–4 members to design and implement an IoT interface for a truck rental platform.
- **Technology**: Developed API services and designed the solution architecture using **Golang**, **gRPC**, and **MQTT**.
- **Impact**: Improved fleet management efficiency by providing real-time vehicle data.

Krungsri & Siriraj VR Medical Phobia Treatment

- **Lead Developer**: Led a 3-member team in collaboration between Krungsri Nimble and the Faculty of Medicine Siriraj Hospital, Department of Psychiatry, to develop VR solutions for medical use.
- **Technology**: Utilized **Unreal Engine 5** to simulate environments for treating phobias, including gradually increasing heights and crowded spaces in an elevator scenario.
- **Impact**: Assisted in treating patients with phobias by providing immersive virtual environments for therapy.

Krungsri Virtual Meeting Room

- **Lead Developer**: Led a 3-member team in developing a virtual meeting room using **Unity**, allowing users to join via VR headsets or PC.
 - **Impact**: Created an interactive environment for seamless participation in team meetings.
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Education

- **Bachelor of Engineering in Mechatronics Engineering:** Pathumwan Institute of Technology (2017 – 2021) – GPA: 2.98
 - **Diploma in Aircraft Instrument:** Civil Aviation Training Center (2011 – 2013) – GPA: 3.30
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Skills

- **Languages:**
 - **Advanced:** Rust, C#
 - **Intermediate:** JavaScript, SQL
 - **Familiar:** Python, C++, Java, Golang, Dart
- **Cloud & DevOps Tools:** Azure DevOps, AWS, Jenkins, OpenShift, Docker, SonarQube, Qodana
- **Database & Server Tools:** SQL Server, IIS, Nginx, Redis, PostgreSQL
- **Monitoring & Analytics:** Datadog, Dynatrace
- **Collaboration Tools:** GitHub, GitLab, Nexus, Jira, Notion, Confluence
- **Documentation:** Wireframe, API Specification, Process Flow Diagram, Sequence Diagram, Software Architecture Diagrams
- **Soft Skills:** Team Leadership, Project Technical Management, Problem-solving, Analytical Thinking