

Gilbert Michael Jay Silmaro

Technical Lead Consultant



PROFESSIONAL SUMMARY

Technical Lead Consultant and Software Engineer with years of experience in software development, system integration, and enterprise solutions. Experienced in full-stack development, SAP Business One integration, e-Invoice systems, API development, databases, Docker, and CI/CD. Proven ability to lead technical projects, solve complex system issues, and deliver reliable business solutions.

TECHNICAL SKILLS

TECHNOLOGIES

- **OS** : Windows / SUSE Linux administration
- **DB** : MS-SQL / HANA DB administration
- **Application** : SAP B1 / SAGE X3 / NETSUITE Software
- **Hardware** : Server / PC assembly & troubleshooting
- **Reporting** : SSRS / Crystal Reports / Power BI / BI360

SKILL LEVEL



WORK HISTORY

(2026 - Present)
(Technical Lead Consultant)
(PIXELCARE CONSULTING)

- Lead and coordinate software development activities across multiple projects.
- Provide technical guidance, mentoring, and code review for developers.
- Design and develop scalable web and mobile applications and system integrations.
- Set up and manage Docker-based development and production environments.
- Configure and deploy applications on Ubuntu/Linux servers using Docker and Docker Compose.
- Implement CI/CD pipelines using GitHub Actions for automated build, testing, and deployment.
- Configure reverse proxy, SSL certificates, domains, and application routing using Traefik.
- Manage production databases and supporting services such as PostgreSQL and Redis.
- Troubleshoot application, server, deployment, database, and integration issues.
- Manage container images and deployment workflows using GitHub Container Registry (GHCR).
- Review system architecture, security, performance, and infrastructure requirements.

(2023 - 2026)

(Software Engineer)

(PIXELCARE CONSULTING)

- Developed and maintained web and mobile applications for business operations.
- Developed a Field Service Management System for job scheduling, dispatching, worker management, customer management, and service tracking.
- Developed a mobile application for field technicians with job tracking, task assignment, digital signatures, photo, documentation, and clock-in/out functionality.
- Developed e-Invoice middleware integrating with LHDN and enterprise systems for digital invoice processing and tax-related workflows.
- Developed REST APIs and integrated third-party services and enterprise systems.
- Worked with technologies including Next.js, React, React Native, Node.js, Firebase, TypeScript, SQL, SAP B1, and LHDN SDK.
- Managed source code using Git and supported CI/CD and deployment processes.
- Prepared technical documentation and supported users during system implementation.
- Collaborated with developers and stakeholders to deliver project requirements within agreed timelines.

(2023)

(Web Developer)

(BLUE OCEAN DATA SOLUTIONS)

- Migrated and modernized legacy applications into production ASP.NET web applications.
- Implemented authentication, data management, reporting, dashboards, and business workflows.
- Performed system testing, debugging, troubleshooting, and performance optimization.

(2021-2023)

(Fullstack Developer)

(EONBOTZ TECHNOLOGY)

- Developed school management systems, student portals, and parent portals using C#.
- Developed and maintained full-stack web applications based on business requirements.
- Led and mentored web developers during project implementation.
- Planned development tasks and monitored project delivery timelines.
- Prepared technical and project documentation.
- Performed testing, debugging, and issue resolution.
- Collaborated with team members to deliver project requirements.

(2023)

(Freelance Developer)

(SELF-EMPLOYED)

- Developed a Laravel 10 TALL-stack application with fingerprint biometric scanning.
- Implemented event and user profile management features.
- Developed report generation and reporting workflows.
- Designed and implemented application features based on client requirements.
- Tested and debugged application functionality.
- Managed development activities from requirements through implementation and testing.

(2021)

(Freelance Developer)
(CARAVAN & 1EXPORT)

- Developed and maintained web applications using Laravel & Vue.js
- Designed and developed responsive landing pages and login interfaces.
- Implemented frontend features and user interface components based on project requirements
- Tested application features to ensure proper functionality and usability
- Worked with the team & independently to complete development tasks within project requirements
- Communicated with clients/stakeholders regarding application requirements and changes.

(2017 - 2018)

(Game Developer)
(SELF-EMPLOYED)

- Developed an Android educational game for children with dyslexia.
- Developed game mechanics and interactive learning activities using Unity and C#
- Implemented application features and game logic based on the project requirements.
- Integrated Firebase for application data and backend functionality.
- Tested and debugged game features across different scenarios.

(2015)

(Graphic Designer)
(LOVE RADIO DAVAO)

- Produced posters and social graphics aligned with brand guidelines
- Design & Layout social media events/promotions/posts
- Coordinated with DJs, sales/marketing staff, and station management regarding design requirements
- Prepare designs in appropriate sizes and formats for Facebook, Instagram, print materials, and other digital platforms.

PROJECT HISTORY

(Pinnacle e-Invoice Middleware)

(2023-2026)

COMPANIES -

- **(EE-LIAN PLASTICS SDN BHD)**
- **(BRAHIMS)**
- **(HSS GROUP)**
- **(MINDVALLEY)**
- **(PACIFIC PRIME)**
- **(TEK AUTOMOTIVE)**
- **(SKP BM)**
- **(TRADEWINDS)**
- **(WILLIS MALAYSIA SDN. BHD.)**

- Designed and developed e-Invoice middleware platform integrating customer systems with government e-Invoicing platforms and service providers.
- Developed and maintained e-Invoice integrations covering invoice generation, submission, validation, status tracking, and customer document delivery.
- Implemented UBL/XML/JSON invoice generation and validation according to LHDN e-Invoicing requirements and business rules.
- Developed API integrations and authentication flows, including OAuth, access/refresh token management, secure credential handling, webhooks, and API monitoring.
- Integrated enterprise systems and third-party applications through REST APIs, database integrations, scheduled processes and middleware services.
- Performed production support, troubleshooting, testing, deployment, and compliance-related enhancements for multiple client implementations across Malaysia and other markets.

SAP B1 PROJECTS

(2024 - Present)

(Technical Lead Consultant)

COMPANIES -

- **(FINDEN TECHNOLOGIES, INC.)**
- **(MURNI DISCOVERY)**
- **(SAS M&E PTE LTD)**

- Led the technical design and development of SAP Business One integrated applications, covering business processes, system integrations, APIs, and custom solutions.
- Developed and maintained SAP B1 Service Layer integrations for transactions involving sales, purchasing, inventory, warehouse, and financial processes.
- Designed integrations between SAP B1 and external systems, including web portals, mobile applications, POS systems, and third-party services.
- Led development of Field Service Management solutions, including web portals, mobile workflows, service orders, inventory, technicians, scheduling, and SAP integration.
- Developed and supported inventory and warehouse management solutions, including stock movements, goods issue/receipt processes, branch allocation, and SAP synchronization.
- Designed database structures, APIs, business logic, and integration workflows.
- Provided technical leadership and code/solution reviews, coordinating development tasks, troubleshooting issues, and ensuring delivered features meet project requirements.

EDUCATION

(2021)

(Bachelor of Science in Information Technology)

(INTERFACE COMPUTER COLLEGE)

(Completed/GWA/Achievements)

