

Lasitha Randika

[LinkedIn](#) | [+64 22 515 0958](#) | mlasitharandika@gmail.com | [GitHub](#)

Skills

Experienced Senior Software Engineer with over 5+ years in IT services, specializing in ERP integrations with SAP B1, SAP Service Layer and SAGE. Skilled in full-stack development with expertise in .NET Core, ReactJS, and MS SQL, focusing on ERP-enhanced solutions that drive business efficiency. Passionate about remote work and leveraging technology to solve complex problems.

C# | .NET | .NET Core | EF Core | Dapper | SAP B1 | SAP Service Layer | SAGE | Crystal Report | Azure | MS SQL | React | Node | ETL | SSIS | Octopus | TeamCity | Azure Service Bus | Azure Blob | Azure Queue

Experience

Software Engineer (part time)	Capital Hill	<i>Auckland</i>	06/2025 - Present
<ul style="list-style-type: none">Contribute to the development and enhancement of enterprise applications using .NET, ReactJS, and MS SQL, ensuring scalability and maintainability.Work extensively with Azure services (App Service, Azure SQL) to deploy, monitor, and optimize cloud-hosted solutions.Provide system monitoring and troubleshooting support to maintain smooth operations and reduce downtime.Design and maintain Power BI dashboards, enabling interactive business insights and data-driven decision-making.Develop and integrate Power Apps and Power Automate workflows to streamline processes, reduce manual tasks, and enhance team productivity.Collaborate with cross-functional teams to identify, analyze, and resolve technical challenges, improving overall system efficiency and reliability.Actively contribute to ongoing system improvement initiatives, ensuring that solutions align with both technical best practices and business needs.			
Senior Software Engineer	Virtusa	<i>Colombo</i>	11/2022 - 02/2025
<ul style="list-style-type: none">Spearhead full-stack development initiatives, leveraging advanced technologies including .NET Core web APIs, Azure Functions, MS SQL, ETL, SSIS, EF Core, Dapper, Mediator pattern and ReactJS, to deliver robust and scalable software solutions.Lead and coordinate the entire software development lifecycle, from requirements gathering to deployment, ensuring adherence to project timelines and quality standards.Conduct comprehensive code reviews and provide constructive feedback to team members, fostering a culture of continuous improvement and code quality.Serve as a technical mentor and guide for junior team members, facilitating their professional growth and development through hands-on training and mentorship programs.Manage and prioritize development tasks, resource allocation, and project timelines, optimizing team efficiency and productivity.Collaborate closely with cross-functional teams, including product management, design, and quality assurance, to define project requirements and deliver innovative solutions that meet client needs.Champion Agile methodologies and best practices, utilizing tools such as Azure DevOps for project management, sprint planning, and release coordination.Coordinate release cycles and deployment processes, ensuring smooth and efficient delivery of software updates and enhancements while minimizing downtime and disruptions.Proactively identify opportunities for process improvement and optimization, driving initiatives to streamline development workflows and enhance team productivity.Stay abreast of emerging technologies and industry trends, evaluating their potential impact on project requirements and recommending innovative solutions to address evolving needs.			
Software Engineer	<u>Perfect Business Solution Services (Pvt) Ltd</u>	<i>Colombo,</i>	04/2021 - 11/2022
<ul style="list-style-type: none">Led full-stack development projects integrating SAP B1 with .NET Core, Node.js, and React.js, streamlining operations and providing real-time data synchronization.Developed REST APIs and services within the SAP B1 Service Layer, enabling seamless communication between SAP B1, web applications, and other third-party systems.Mentored junior developers on SAP integration best practices, specifically on using the SAP Service Layer for data consistency and automation.Utilized MS SQL and SAP HANA for data management, optimizing performance for large-scale deployments.Applied Agile methodologies to meet project timelines and deliver high-quality solutions, enhancing client satisfaction and operational efficiency.			
Associate Engineer	Software	<u>Perfect Business Solution Services (Pvt) Ltd</u>	<i>Colombo,</i> 07/2019 - 04/2021

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- Spearheaded full-stack development projects utilizing cutting-edge technologies such as Node.js, React.js, and .NET, achieving seamless integration with SAP B1 and SAGE ERP systems.
- Proactively identified and resolved technical challenges, liaising effectively with stakeholders to ensure project success and client satisfaction.
- Contributed to the enhancement of system functionality and performance through innovative problem-solving and continuous improvement initiatives.
- Collaborated with cross-functional teams to prioritize and execute development tasks, adhering to project timelines and quality standards.
- Played a key role in supporting the development and implementation of scalable software solutions, laying the foundation for future growth and expansion.

Education

- **Master of Applied Technologies** : Mastering computer science, Unitec Institute of Technologies - New Zealand **(2025-Present)**
- **BSc(Hons) in Computing** : BSc(Hons) in Computing (First Class Honors), Computer Science from Coventry University. **(2019-2021)**
- **Higher Diploma in Software Engineering** : Software Engineering Higher Diploma, NIBM - Sri Lanka. GPA: 3.72. **(2018-2019)**
- **Diploma in Software Engineering** : Diploma in Software Engineering, NIBM - Sri Lanka. GPA: 3.80. **(2017-2018)**

Projects

- **Energy Demand Analysis & Visualization -**

Independent Project (2025) | GitHub: [RandikaSilva/Energy-Demand-Analysis-Visualization](#)

Forecasted New Zealand's residential energy consumption and carbon emissions using time series models. Developed and tuned **ARIMA** and **SARIMA** models for energy demand forecasting, incorporating GDP and population as exogenous regressors. Evaluated model accuracy with MAE, RMSE, and MAPE to ensure high-quality predictions. Visualized insights using **Power BI** and **Python (Matplotlib, Seaborn)**, enabling interactive exploration of trends. Deployed a lightweight **Flask API** to serve forecast data dynamically for integration with external dashboards. Project focused on real-world sustainability analytics, supporting energy efficiency insights through data science and visualization.

- **Payroll HRM and Tax solution** : Key contributor at Virtusa, spearheading the creation of a cutting-edge Payroll HRM and Tax solution. Leveraged **ReactJS**, **.NET Core Web API**, **MS SQL**, **ETL**, **SSIS**, **EF Core**, **Dapper**, **Mediator pattern** and **Azure** to streamline payroll processes for a large-scale organization with 100,000+ employees. Engineered a responsive UI with ReactJS while implementing robust backend functionalities using .NET Core Web API. Collaborated closely with the Tax team to ensure compliance and deliver essential reports, all within an Agile framework **(2024 - 2025)**

- **Customer Reservation Portal**: Oversaw the development of a Customer Reservation Portal, seamlessly integrating **.NET Core**, **MS SQL**, **React.js**, and **SAP B1** to streamline the management of reservations, inventory, pricing, and logistics. Utilized **SAP B1's Service Layer** for real-time data synchronization, ensuring up-to-date reservation and inventory information across the system. Implemented robust data handling and error-handling routines to maintain data consistency, optimizing reservation workflows and enhancing the user experience. Contributed to creating an efficient, user-focused platform that aligned SAP data with the portal for consistent, accurate client interactions. **(2022)**

- **Quality Checking Module**: Led the development of a Quality Checking Module integrating **.NET Core**, **MS SQL**, **React.js**, and **SAP B1 HANA**, streamlining production quality control through real-time data synchronization with **SAP B1's Production Document**. Enhanced data accuracy and consistency by implementing validation and error-handling mechanisms, optimizing workflow efficiency and reducing manual intervention for improved production throughput **(2021)**.

- **Crystal Report Development**: Crystal Report Development: Designed and implemented Crystal Reports for both **SAP HANA** and **SQL databases**, enabling detailed, data-driven insights to support strategic decision-making across operations. Developed complex reports that leverage dynamic parameters, sub-reports, and formula fields, tailored for both operational and analytical needs. Additionally, engineered a custom web reporting module using **ASP.NET MVC**, which integrates with third-party reporting tools to provide users with a seamless, accessible reporting experience. This custom module includes features such as role-based access control, export functionality (PDF, Excel), and responsive layouts to meet diverse reporting requirements across teams. Ensured optimized performance of reports, minimizing data retrieval time and enhancing real-time analytics for better user experience.

- **Sales Focus Automation (SFA)**: Led the development of the Sales Focus Automation (SFA) system, integrating **ASP.NET MVC**, **ASP.NET Core**, **ADO.NET**, **Android Studio**, and **MS SQL** with **SAP B1**. Built a mobile app for sales reps to access SAP-integrated customer and sales data on the go, improving field efficiency and data accuracy. Utilized SAP B1's Service Layer for seamless data synchronization between the mobile app and the backend system, allowing managers to monitor sales activity and inventory levels in real time. Delivered cross-functional collaboration to ensure that SAP B1 integration facilitated agile sales processes and provided key insights for management. **(2019)**

Professional Certificate

- **AWS Academy Graduate - AWS Academy Cloud Foundations** : [Link](#) **(2025)**

Others

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- **Software Provincial Competition** : Won 1st Runner Up, School Education Software Provincial Competition, 2010 **(2010)**
- **Silver Award** : Silver Award for Most Promising Employee at Perfect Business Service Solution, 2021. **(2021)**

Reference

Ruchira Wijayathilake

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