

# KEMAL YASINTHA

Software Engineer (.Net)

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*10252,158 St., Surrey, BC*

Computer Science professional with more than 5 years of experience in full stack Development with SOLID development skills, who possesses a strong technical background, in the complete cycle of software solution development from product initialization to product delivery.

## Work Experience

### Senior Full Stack Engineer

Jan 2023 - Present

*Sydpro (Pvt) Ltd., (Colombo Sri Lanka)*

- Developed and supported the Ed Smart schools' management system, ensuring seamless functionality and scalability using Blazor, .NET/C#, Azure cosmos db.
- Enhanced usability, maintainability, security, and performance through unit testing, debugging, code reviews, and system maintenance in collaboration with QA teams.
- Implemented Azure Durable Functions and Cosmos DB to modernize core system processes and improve cloud-native scalability and service excellence.
- Execution in transforming the legacy system with Windows Forms to a new front-end with Blazor Web Assembly and Telerik UI.
- Conducted knowledge transfer, mentoring, and training sessions within internal teams to build technical projects and project continuity with committed leadership, with creative insights.
- Applied agile methodologies using estimation tools, Jira, and Azure DevOps for effective sprint planning and delivery foresight.
- Collaborated with distributed systems and teams using Git-based version control and modern automation CI/CD practices.
- Built a microservices, event-driven e-commerce platform in C#/.NET, exposing REST APIs and using RabbitMQ (Mass Transit) for inter-service messaging; implemented CQRS over MongoDB and a Redis cache-aside layer.
- Ensured reliability with Transactional Outbox, idempotency keys (Redis), and Polly circuit breakers; event-driven cache invalidation kept reads fast while maintaining consistency.
- Achieved sub-50 ms median product reads and reduced Mongo read load by >60% on peak traffic through targeted Redis TTLs and key design.
- Applied multithreading techniques to optimize software performance and resource utilization.
- Applied object-oriented programming principles to design and develop robust software solutions.

### Senior Software Engineer

Dec 2017 - Jan 2023

*Industrial and Financial Systems (Colombo Sri Lanka)*

- Developed and maintained IFS ERP application with Oracle PL/SQL, C# .NET, multi-tier architecture, OOP, version control, and IFS Developer Studio.
- Consulting customers in the Asset Management product team by diagnosing, analyzing, and resolving technical issues in both core and customized IFS products.
- Delivered customized fixes and data repair solutions, resilient performance tuning and system testing ensuring system integrity and issue resolution across diverse client environments using optimized SQL queries.
- Verified solutions and release management in customer environments, ensuring high quality and adherence to IFS standards.
- Integrated IFS Planning & Scheduling Optimization (PSO) with AI models and real-time data streams (via Kafka), enabling predictive scheduling and reducing manual planning effort by 30%.
- Built, packaged, and delivered product fixes and enhancements worldwide, troubleshooting in internal test environments prior to release.
- Contributed to the Global Delivery Team onboarding customers, coordinating solutions, system testing and managing escalations with a customer-first focus.
- Mentorship in meeting delivery deadlines using ambitious strategies, fostering friendly collaboration, communication, and teamwork skills.
- Achieved consistent KPI success, maintaining 92%+ SLA compliance across Severity 2–4 support cases.

#### **Trainee Software Engineer**

Mar 2017 - Sep 2017

*Innovative-e (Pvt) Ltd., (Colombo Sri Lanka)*

- Participated in full-stack software development using C#, ASP.NET, Web API, WPF, PHP, and MySQL.
- Collaborated in requirement gathering, estimations, and client presentations.
- Improved code quality through refactoring and testing.
- Developed front-end interfaces using HTML, CSS, JavaScript, Bootstrap, and jQuery.

#### **Dispatcher**

Jun 2024 - Present

*FedEx Express Canada | Delta, BC, Canada*

- Coordinated shipment processing, customs clearance, and last-mile delivery with accuracy and compliance with Canadian regulations.
- Collaborated with cross-functional teams in a fast-paced, high-volume environment, building strong teamwork and problem-solving skills in the digital transformation.

#### **Software Engineer Intern**

Mar 2017 - Sep 2017

*Pan Asia Banking cooperation*

- Contributed to the bank's financial services and capital markets strategy by building a Loan Insurance Management System to manage details of customers going for the insurance option while borrowing a loan.
- .Net/C#, ORACLE DB implementation on premium payments, mortgage, commission payments and policy expiries using razor html front-end.

## Core Skills

Blazor (Web Assembly), React, Telerik UI, Sync fusion, HTML, CSS, JavaScript, Bootstrap, jQuery C# / .NET (ASP.NET Core, MVC, Web API, WCF), Node.js, PHP, REST APIs, SOAP, OOD/OOP, Microservices, Event-Driven, Multi-Tier Architecture, Azure Cosmos DB, SQL Server, MongoDB, MySQL, Oracle Database / PL/SQL, RabbitMQ, Mass Transit, Redis (caching, idempotency), Transactional Outbox, CQRS, Polly Circuit Breakers, Microsoft Azure (Durable Functions, App Services, Key Vault), Docker, Kubernetes, Azure DevOps (CI/CD), Git, Version Control, Jira, Visual Studio, IFS ERP (Report Designer, PSO Workbench, Developer Studio), Oracle WebLogic

## Education

<b>LaSalle College Vancouver</b> AA Associate of Arts	Jan 2024 - Jun 2025
<b>Robert Gordon University</b> M.Sc. Business Analytics	Jan 2020 - Jul 2022
<b>University of Colombo</b> B.Sc. Computer Science	Mar 2014 - Mar 2017

## Certificates

<b>Microsoft Certified: Azure Developer Associate</b>	Jan 2025
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References |Available upon request.  
Available to work Full Time.