

KEMAL YASINTHA

Full-stack .NET developer

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Surrey, BC, CA

Senior Software Engineer with experience in designing and implementing multi-tier architectures and microservices across applications. Expertise in Agile methodologies, CI/CD pipelines, and system testing. Skilled in problem diagnosis, ERP enhancements, and product support in IFS product teams.

Work Experience

Senior Full Stack Engineer

Jan 2023 - Present

Sydpro (Pvt) Ltd. | Colombo, Sri Lanka

Senior Full Stack Engineer for team EdSmart, which is a school management product company based in Australia. The product was implemented using .NET and the Azure stack.

- Led the design and application development of a Schools' Management System, implementing new features across .NET, SQL Server, and Angular/Blazor stacks.
- Applied REST architecture style with Clean Architecture and MVC pattern, implementing Repository and Singleton design patterns to ensure modular, testable, and maintainable codebases.
- Applied Agile methodologies using Jira and Azure DevOps for sprint planning, CI/CD pipelines (Git, Jenkins, Azure DevOps), and issue tracking.

Senior Software Engineer

Dec 2017 - Jan 2023

Industrial and Financial Systems | Colombo, Sri Lanka

Worked as a technical expert in the asset management product team in the Global Support Delivery organization unit, which provides technical support and maintenance services to IFS customers worldwide.

- Developed, maintained, and optimized ERP modules with C#/.NET, ensuring usability, security, and performance across the product lifecycle.
- Performed database maintenance, report creation, and data classification using Oracle PL/SQL and application add-ons.
- Analysed and diagnosed problems reported by the customers, either in core or customized versions of IFS's products, according to technical specifications.
- Solved configuration issues with PSO(Planning, Scheduling, and Optimization) workbench integration for IFS applications.
- Implemented bug fixes, enhancements, and testing processes in Centura, IEE, and Aurena clients.
- Solved issues with IFS Report Designer and IFS lobbies by regenerating report models and providing proper security permission sets
- Involved in providing solutions/fixes released by the product development team, as well as providing customized solutions to resolve reported issues, mostly including data repair activities for rectifying inconsistencies in the customer environments using smooth communication and time management skills.
- Involved in verifying those solutions in customer environments to ensure that the reported issues have been solved. Assisted peers in completing assignments on time, including coaching and mentoring activities.

Projects

Easy Shopper API

Jan 2023

Built a microservices architecture-based, 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 ensuring reliability with Transactional Outbox, idempotency keys (Redis), and Polly circuit breakers.

Core Skills

Back-End Languages & Frameworks: C#, .NET / .NET Core,Node.js, ASP .NET Web API, Entity Framework, Oracle PL/SQL,,
Front-End Development: React (familiar), Angular, Blazor, HTML, CSS,
Databases and caching: MS SQL Server, MySQL, Oracle 12c, Azure Cosmos DB, Redis,
Cloud & DevOps: Microsoft Azure (App Services, Durable Functions, Cosmos DB), Azure DevOps, CI/CD,
Architecture & Practices: Monolithic/Microservices Architecture, Design Patterns(Repository/Singleton), SOLID Principles, object-oriented programming (OOP),,
Tools & Platforms: Visual Studio, VS Code, Git, Jira,,
Testing & Performance: Unit Testing (Nunit), Integration testing (Jest), Apache Bench

Education

Robert Gordon University, UK	Jan 2020 - Dec 2022
M.Sc. in Business Analytics	
University of Colombo, Sri Lanka	Jan 2014 - Dec 2017
B.Sc. in Computer Science	

Certificates

Microsoft Certified: Azure Developer Associate	Jan 2024
Microsoft	

Additional

- Available to work full-time | Open to Relocate | References available upon request.