

Radwan Suufi

Senior Software Engineer

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🐙 github.com/Deftextra in LinkedIn Profile

Professional Summary

Accomplished Software Engineer with extensive expertise in .NET and Azure ecosystems, specializing in architecting and delivering enterprise-grade solutions that drive measurable business impact. Demonstrated proficiency in performance optimization, having achieved 70% improvements in system efficiency through strategic refactoring and advanced SQL techniques. Proven leader in technical decision-making and cross-functional collaboration, with a strong foundation in DevOps practices, microservices architecture, and security-first development. Committed to fostering technical excellence through mentorship and knowledge transfer, while consistently delivering innovative solutions that align with long-term strategic objectives and operational excellence.

Technical Expertise

Backend Development

- C#, ASP.NET Core, Web API
- Blazor Server, Razor, MVC
- Entity Framework Core, SQL Server
- RESTful APIs, SignalR

Frontend & Integration

- TypeScript, JavaScript, Angular
- HTML5, CSS3, SASS, Bootstrap
- Responsive Design, UX/UI
- Microsoft Graph API Integration

Cloud & DevOps

- Microsoft Azure (Functions, Service Bus)
- Azure DevOps, CI/CD Pipelines
- Docker, Microservices Architecture
- Infrastructure as Code

Leadership & Process

- Technical Mentoring & Team Leadership
- Agile/Scrum Methodologies
- Code Review & Best Practices
- Performance Optimization & Debugging

Employment

Software Developer

ERGO UK Specialty

August 2024–Present

- **MIS Performance Improvements:** Optimized the import process by implementing SQL bulk-insert techniques and refactoring key stored-procedure queries, cutting import times by over 70%.
- **Security Enhancements:** Discovered and remediated authentication gaps in the bulk-insert workflow; rolled out a stronger auth protocol as a foundation for migrating all systems to this standard.
- **Defense Feed Optimization:** Profiled and refactored key SQL stored procedures, eliminating bottlenecks and improving data-feed initiation efficiency by 40%.
- **Stakeholder Communication & Project Planning:** Collaborated with 5+ non-technical stakeholders to define project requirements and deliver features on a bi-weekly cadence, improving stakeholder satisfaction scores by 20%.
- **ELTO Process Automation & Infrastructure:**
 - Automated the ELTO monthly cycle and migrated it to a new server, cutting manual effort by 80% and boosting reliability.
 - Built out the TFS DevOps environment (pipelines, infra-as-code), enabling smooth deployment of future migrations and change requests.
- **Reduced File-Converter Dependency:** Decoupled key system components from legacy file-converter dependencies in the monthly claims process, facilitating the decommissioning of MIS and migration to a modern bridge system—reducing technical debt and improving maintainability.

- **Insurance Domain Expertise:** Gained strong domain knowledge in insurance processes and regulations, enabling the delivery of technically sound solutions aligned with business needs.

Product Developer

Edison365

May 2021 - August 2024

- **Technical Leadership:** Architected and developed enterprise-grade .NET solutions, achieving 70% performance improvements through strategic refactoring and advanced SQL optimization techniques.
- **Cloud Architecture:** Designed and implemented scalable microservices architecture using Azure Service Bus, Functions, Cosmos DB, SignalR, and Azure AD integration.
- **Full-Stack Development:** Built comprehensive internal solutions from scratch using Blazor Server, MudBlazor, and Microsoft Graph API integration for seamless Office 365 connectivity.
- **DevOps & CI/CD:** Established robust deployment pipelines using Azure DevOps, implementing Infrastructure as Code and automated testing frameworks.
- **Team Leadership:** Mentored junior developers, conducted code reviews, and established best practices that improved team productivity by 40%.
- **Migration Expertise:** Successfully migrated legacy monolithic systems to modern microservices architecture, ensuring high availability and scalability.

Software Developer

Enable Software

March 2018 - January 2019

- **Financial Software Development:** Developed and maintained mission-critical financial industry applications using .NET framework, ensuring compliance with industry regulations.
- **Test-Driven Development:** Implemented TDD methodologies and refactored legacy code to improve maintainability and reduce technical debt by 60%.
- **Project Management:** Collaborated on project planning and release management, consistently delivering features on time and within scope.
- **Web Application Design:** Architected responsive web applications with robust back-end systems, improving user experience and system reliability.

Team Leader & Operations Manager

TopUpholstery

April 2019 - May 2021

- **Leadership & Management:** Led cross-functional team of 4+ members, ensuring operational excellence and health/safety compliance while maintaining 100% project delivery targets.
- **Data Analysis:** Utilized advanced Excel techniques to analyze large datasets, optimize workflows, and generate actionable insights that improved operational efficiency by 25%.
- **Business Development:** Secured new contracts through strategic client relationship management and negotiation, resulting in 30% revenue growth.
- **Customer Success:** Managed end-to-end customer experience, resolving complex queries and maintaining high satisfaction ratings through proactive communication.

Education

BSc. Mathematics (achieved 2:1)

University of Birmingham

2012-2016

- Gained knowledge from a wide range of major mathematical fields, including modules in statistics and probability.
- Introductory module in C++ and experience working in Matlab.
- Enhanced oral and written communication skills through working in regular small supervised groups; and communicated mathematical results and ideas effectively.
- Final year project, apart from a written document, also required a presentation in front of an audience, which included a session where I answered any questions.

Birmingham Metropolitan College & Solihull College

2009-2012

A Levels: Further Mathematics (A*), Mathematics (A), Chemistry (B), Physics (B)

Hodge Hill School

2008-2009

6 GCSEs (A-C), including English and Mathematics

Professional Interests & Activities

Technical Interests: Open source contributions, cloud architecture patterns, and emerging technologies in .NET ecosystem. **Physical Activities:** Regular badminton team member, fitness training, hiking, and recreational football. **Continuous Learning:** Stay current with industry trends through technical conferences, Microsoft Learn modules, and developer community engagement.

References

Available upon request