Sufyan Taskin

Senior Software Engineer | Tech Lead | Application Manager

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Professional Summary

Experienced **Senior Software Engineer / Tech Lead / Software Development Manager** with 6+ years of experience delivering fullstack enterprise systems using **.NET Core**, **React (TypeScript)**, **Azure**, and **Oracle / Microsoft SQL**. Proven in leading cross-functional teams, modernising legacy systems, and delivering solutions across complex domains like aviation and finance – including **Oracle EBS**. Strong in **Clean Architecture** and **Azure DevOps**-based CI/CD.

Experience

Applications Manager *Jan 2025 – Present*
AerCap *Shannon, Ireland*

- Led a cross-functional team (5 Developers, 3 QA, 1 BA, 1 UX, 1 PM) managing 8 enterprise aviation systems – spanning maintenance, engineering, and finance, including Oracle EBS integration.
- Delivered successful migrations from legacy stacks (VB.NET, ASP.NET MVC) to .NET Core and React – improving maintainability and reducing bug resolution time by 35%.
- Scoped 10+ new business app requests – influencing over $1M in project decisions via ROI and feasibility analysis.
- Established architecture and delivery standards (Clean Architecture, CI/CD via Azure DevOps), reducing onboarding time by 30% and ensuring scalable, testable codebases.
- Acted as primary liaison between engineering, business, and product teams – ensured 100% requirement traceability and reduced scope creep across initiatives.
- Presented a real use case during the IT-wide AI enablement seminar – introduced ChatGPT personas to accelerate BAU ticket creation in apps without BA support, reducing grooming time by 30%.

Software Engineer *Jan 2023 - Jan 2025*
AerCap *Shannon, Ireland*

- Migrated 4 legacy applications (MVC, VB.NET) to .NET Core Web API and React – improving page load times by 50% and reducing bug rates by 40%.
- Built modular .NET backends with Clean Architecture – enabling maintainable and scalable delivery.
- Optimized Oracle PL/SQL and SQL – cut reporting time by 60%, boosting analyst efficiency.
- Developed features across both technical aviation systems (maintenance, engineering cost tracking) and financial platforms (claims processing, EBS integration), ensuring accuracy, auditability, and stakeholder trust.
- Built and maintained CI/CD pipelines using Azure DevOps and xUnit – improving test coverage and pre-release stability across staging environments.
- Collaborated with BAs and SMEs to translate aviation domain logic (e.g., Life Limited Parts, lease data) into robust backend workflows – resulting in 100% stakeholder approval on first release.

Software Engineer *Mar 2020 - Sep 2021*
NTT Data *Istanbul, Turkey*

- Delivered .NET Web API and MVC projects for 5+ clients – used by 10K+ monthly users.
- Improved database operations with EF and LINQ – cut query times by 40%.
- Refactored large codebases – reduced support tickets by 25% and boosted stability.
- Worked with PMs and client reps – delivered all milestones on time and within scope.

Software Engineer *Aug 2018 - Mar 2020*
Boraq Group *Istanbul, Turkey*

- Built RESTful APIs with .NET Web API – enabled scalable backend communication.
- Created responsive UI with .NET, C#, and JavaScript – improved load time by 30%.
- Maintained DAL & BLL layers – ensured testable, modular code across internal apps.
- Optimized SQL queries and DB schema – improved performance by 40%.

Technical Skills

Languages: C#, TypeScript, SQL, PL/SQL, JavaScript

Frameworks: .NET Core, ASP.NET MVC, React, xUnit

Databases: Oracle, Microsoft SQL Server, PostgreSQL

Cloud & DevOps: Azure DevOps, Docker (basic), Git

Tools & Practices: Visual Studio, JIRA, Agile, Clean Architecture

Education

Technological University of the Shannon   *2021 – 2022*
M.Sc in Data Analytics   *Limerick, Ireland*

Beykent University   *2014 – 2019*
B.Eng in Energy Systems Engineering   *Istanbul, Turkey*

Projects

Lintify – AI-Powered PR Review Tool for CI/CD Pipelines   *lintify.ai* ↗

- SaaS-style code linting platform built with **.NET Core Web API**, **PostgreSQL**, and **Next.js**.
- CI/CD integration with **GitHub Actions**, generating OpenAI-based PR review comments.
- Designed with modular architecture, API key management, and developer productivity in mind.