

ALI SAAD

Integration Software Engineer | .NET Core • C# • ASP.NET • Azure • REST APIs

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PROFESSIONAL SUMMARY

Backend and integration engineer with 4 years building and maintaining enterprise .NET systems for global clients across automotive, FMCG, and workforce-management domains. Specializes in REST API design, legacy-to-cloud migration (WCF → .NET Core), and complex report/integration engines that hold up under real production edge cases. Comfortable owning a problem end-to-end — from ambiguous business requirements through code review to a shipped, defect-free feature.

CORE SKILLS

Languages: C#, C++, JavaScript, TypeScript, SQL

Frameworks: ASP.NET Core, ASP.NET MVC, Web API, Blazor, WPF, .NET MAUI, Angular

Cloud & Integration: REST API Design, Third-Party/Webhook System Integration, WCF-to-.NET Core Migration, Azure (AZ-204 in progress)

Data: MS SQL Server, Stored Procedures & Query Optimization, MySQL

Practices: Agile/Scrum, Git/GitHub, Code Review, Unit Testing, CI/CD Pipelines, End-to-End SDLC Ownership

PROFESSIONAL EXPERIENCE

Integration Software Engineer — TCP Software

2026 – Present

Timeforce management / integration platform — global client base

- Diagnosed a cross-client regression caused by two enhancements merged into a shared integration module (WinCap ON-BOCES / Brushton-Moira), then re-architected the codebase into two independent, client-specific modules — isolating and migrating targeted commits via Git history surgery to eliminate recurring production conflicts for both clients.
- Extended a core Reports-module report with new configurable business logic (multi-segment fallback rules for shift-note reporting), debugged and resolved layout defects across HTML and PDF outputs, then refactored the implementation to the team's RecordInfo architecture pattern following formal code review.
- Built a custom enterprise timecard report (Weekly Summary, Detail, and Pay Summary sections) from scratch, iteratively resolving multi-layer rendering defects — column alignment, header centering, text truncation — across HTML and PDF outputs to a fully validated, production-ready state.
- Ramped up on TCP's Core integration framework and TimeClock Plus timeforce-management domain (overtime rules, rounding, scheduling) to support enterprise client integrations end-to-end.

Software Engineer I — NETSOL Technologies

Sep 2024 – Jul 2026

NFS Ascent — enterprise leasing & financing platform

- Migrated legacy WCF services to .NET Core Web APIs integrated with an Angular front end, reducing technical debt and improving maintainability of NFS Ascent, used by Mercedes-Benz China, Korea, and Thailand.
- Designed and implemented RESTful APIs in .NET Core 8 across Contract Management (CMS), User Management (UMS), and Workflow (WFS) modules, delivering Contract Activation, Modification, and Repayment functionality for global automotive-finance clients.
- Resolved critical production bugs in WPF applications consuming SOAP/Web Services, maintaining stability across live enterprise deployments.
- Optimized SQL Server stored procedures and query execution plans, improving response times for high-volume leasing and finance workflows.

Software Engineer — Nestlé Pakistan

Jan 2024 – Sep 2024

Enterprise Employee Portal — HR, IT, Finance, Supply Chain

- Designed, built, and maintained an enterprise Employee Portal spanning 35+ modules across HR, IT, Finance, and Supply Chain, using ASP.NET MVC, Web Forms, Blazor, and MS SQL Server.

- Owned end-to-end SDLC delivery — requirements gathering, solution design, development, testing, and deployment — for a platform used across international markets including KSA, UAE, Russia, Egypt, and Qatar.
- Automated manual business processes at the application and database level, improving workflow efficiency and cross-department data accuracy.
- Modernized a legacy technology stack while maintaining full backward compatibility, and optimized SQL Server stored procedures for scalability.

Associate Software Engineer — XISYS Consulting (Pvt.) Ltd.

Aug 2022 – Dec 2023

AIOTrust — Identity & Access Management platform

- Built and maintained a cross-platform desktop application using .NET Core, .NET MAUI, and Avalonia, delivering a unified experience across Windows, macOS, and Linux.
- Contributed core features to AIOTrust, an IAM platform — implementing identity management, access control, multi-factor authentication (MFA), device registration, and encryption mechanisms.
- Developed and maintained a custom Windows Credential Provider, integrating securely with the native Windows authentication system.
- Collaborated within a cross-functional Agile team to design and ship new platform features and expand cross-OS support.

EDUCATION

Bachelor of Science, Information Technology

Punjab University College of Information Technology (PUCIT), University of the Punjab — 2018 – 2022