

Mohammad Aminsafaei | Senior Fullstack Software Engineer

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Executive Summary

Full-Stack Software Engineer with 10+ years of experience delivering scalable, Cloud-Native solutions on Azure and building cross-platform applications for Web, Desktop, Android, and iOS. Strong background in modernizing legacy systems into Event-Driven Microservices using C# and ASP.NET Core. Skilled in Clean Code, distributed architecture patterns, and end-to-end DevOps practices. Proven success collaborating in Agile/Scrum teams to accelerate delivery, improve software quality, and drive technical excellence across both enterprise and startup environments.

Core Technical Skills

- **Frontend:** Angular, Blazor, React JS, TypeScript, JavaScript, HTML5/CSS3, Sass
- **Backend:** ASP.NET Core, MVC, Web API, Entity Framework Core, SignalR, OData, Identity
- **DevOps:** CI/CD (Azure DevOps / GitHub Actions), Git-flow
- **Cloud:** Docker on Azure, Functions, Event Hubs, Service Bus, App Insights
- **Database/Storages:** SQL Server (T-SQL), PostgreSQL, NoSQL, Redis, Cosmos Db, ADX and Performance Tuning
- **Testing:** Unit, Integration & UI Test, Load Test, Fakes/Mocks, MSTest, Playwright

Professional Experience

FULL-STACK DEVELOPER | BIT PLATFORM (NETHERLANDS) | APR 2021 - PRESENT

- Contributed to open-source projects, specifically focusing on the development of Blazor components.
- Employed the MSTest framework to create precise and comprehensive unit tests, verifying the functionality and reliability of Blazor components.
- Conducted code reviews to ensure adherence to proper development standards and resolved issues encountered by users.

FULL-STACK DEVELOPER | RIGID ROBOTICS (CANADA) | JAN 2023 - SEP 2024 (1 YR 9 MOS)

- **Modern Frontend:** Developed high-performance web applications using Angular and Blazor, focusing on real-time data visualization for mining efficiency.
- **Backend Excellence:** Architected secure and scalable endpoints using ASP.NET Core and C#.
- **Cloud Architecture:** Implemented inter-service communication via Azure ServiceBus and EventHubs.
- **Reliability:** Reduced MTTR by 35% by pioneering a global error-handling solution integrated with Azure Application Insights.
- **Automation:** Streamlined release cycles by implementing end-to-end CI/CD pipelines in Azure DevOps.

FULL-STACK DEVELOPER | TRADEER (UNITED KINGDOM) | APR 2021 - MAR 2022 (1 YR)

- **Mobile & Web:** Developed cross-platform applications (iOS, Android, Windows) using Xamarin and Progressive Web Apps (PWA).
- **Backend development:** Utilized ASP.NET Core and Azure SDKs to build and maintain robust backend systems.

- UI/UX Implementation: Built stunning, responsive user interfaces based on Figma designs using Angular and Blazor.
- Automated testing: Expanded integration tests to ensure the reliability and functionality of the software.
- CI/CD management: Managed end-to-end Continuous Integration/Continuous Deployment (CI/CD) pipelines using Azure DevOps and Git-flow, enabling accelerated release cycles without compromising high-quality standards.

TECHNICAL LEAD & DEVELOPER | VARIOUS (IRAN) | 2010 - APR 2021 (11+ YRS)

- Frontend Development: Focused on building dynamic user interfaces using AngularJS, transitioning later to modern Angular versions.
- Web Development: Developed and maintained enterprise-level web applications using ASP.NET WebForms and MVC architectures
- Mobile Development: Architected and deployed cross-platform mobile applications using Cordova, Ionic frameworks and Xamarin.
- Team Leadership: Led technical teams in delivering national-scale projects, including the National Skill Evaluation System.
- Database Expertise: Specialized in SQL Server Performance Tuning, writing complex T-SQL stored procedures, and managing database schemas.
- Full Lifecycle Management: Planned, tested, and deployed robust web solutions while providing effective troubleshooting and remediation.

Featured Projects

ACA-TECH (EDUCATIONAL MANAGEMENT)

A multilingual SaaS platform for large-scale institutions (i-Maths, c-Maths, UCMAS, Islamic Azad University) built with ASP.NET Core and Angular.

NATIONAL SKILL EVALUATION PLATFORM

A centralized system for the Iran Technical & Vocational Training Organization, managing national-level practical tests.

Education & Certifications

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE | ISLAMIC AZAD UNIVERSITY

ADVANCED DIPLOMA IN COMPUTER PROGRAMMING | SHIRAZ UNIVERSITY

MICROSOFT CERTIFIED: WEB APPLICATION DEVELOPMENT WITH .NET 4 (EXAM 70-515)

REACT JS

PYTHON PROGRAMMING

MCITP: ENTERPRISE ADMINISTRATOR (MULTIPLE EXAMS: 70-640, 70-647, 70-680)