



Mohsen Penhani

Full Stack Developer

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OBJECTIVE:

A highly skilled and experienced **Senior Software Engineer** with 15 years of expertise in **.NET Framework** and **C#**, specializing in designing, developing, and optimizing scalable web applications. Passionate about architecting high-performance software solutions, leading development teams, and driving innovation through cutting-edge technologies. Seeking to contribute my technical proficiency and leadership skills to a dynamic organization that values excellence and continuous improvement.

WORK EXPERIENCE:

CTO & Full Stack Developer | Kala Noavar Norahan, Bushehr, IRAN

January 2023 – Present

- Lead the design and development of enterprise-level software solutions for petrochemical and refinery goods classification and coding based on MESC standards.
- Architect and implement scalable web applications using ASP.NET Core, C#, and ...
- Develop and maintain RESTful APIs and microservices to ensure seamless system integration.
- Oversee database management, including SQL Server and MongoDB, ensuring data integrity and performance optimization.
- Lead a team of developers, providing technical mentorship and guidance.
- Collaborate with stakeholders to analyze business requirements and translate them into technical solutions.
- Ensure software quality and reliability through unit testing, integration testing, and debugging.

Scrum Master & Senior Software Developer | Rayan Pardaz Kavosh , Tehran, IRAN

April 2021 – March 2024

- Led Agile development as a Scrum Master, organizing and facilitating Scrum ceremonies (daily stand-ups, sprint planning, retrospectives).
- Designed and developed a comprehensive accounting and asset management system for Bank Day, Bank Melli, and Bank Mellat.
- Provided technical support and maintenance for existing company software solutions.
- Acted as a technical consultant, analyzing and solving issues faced by other development teams.
- Improved system performance, scalability, and maintainability by applying best coding practices.
- Collaborated with business analysts and stakeholders to ensure software solutions met business requirements.

Software Developer | Development of Phase 22-24 of South Pars Gas Field, Bushehr, IRAN April 2012 – May 2021

- Developed and maintained industrial software solutions for the South Pars Gas Field project.
- Designed and implemented customized software to support oil and gas operations, improving workflow efficiency.
- Worked with ASP.NET Core and C# to build scalable web applications for managing project data.
- Integrated real-time monitoring and data analytics features to optimize performance tracking.
- Collaborated with engineers and project managers to understand operational requirements and develop tailored software solutions.
- Provided technical support and troubleshooting for existing applications to ensure seamless operations.

PROJECTS

Comprehensive Accounting & Asset Management System (*Bank Day, Bank Melli, Bank Mellat*) (**Web-Based**)

Petrochemical & Refinery Goods Classification System (MES-C-Based) (**Web-Based**)

EPC Comprehensive Management System for Oil & Gas Projects (PACIS) (**Web-Based**)

Dolphin CMS (Content Management System) (**Web-Based**)

Buying & Selling System (NoPardaz Tech) (**Windows-Based**)

Fast Food & Restaurant Management and Sales System (**Windows-Based**)

EDUCATION:

Science and Art University, Yazd, Iran (Graduated: September 2010)

Bachelor of Science (B.Sc.) in Computer Software Engineering

SKILLS:

Technical Skills

Backend Development: ASP.NET Core, C#, Entity Framework Core, Web API

Frontend Development: HTML, CSS, JavaScript, TypeScript

Database Management: SQL Server, PostgreSQL, MongoDB

Cloud & DevOps: Azure, GitHub Actions

Software Architecture: Clean Architecture, Domain-Driven Design (DDD)

Testing & Debugging: Unit Testing (xUnit, NUnit), Integration Testing, Debugging & Performance Optimization

Soft Skills

Strong problem-solving and analytical skills

Effective communication and teamwork

Agile & Scrum methodology experience

Leadership and mentoring junior developers

Adaptability and continuous learning

LANGUAGES:

Persian – Native

English – Intermediate (Improving)

Arabic – Basic

Turkish – Basic