



Vali Rafinia

C# Developer

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SUMMARY

Seasoned and versatile C# developer with over 10 years of experience in the E-commerce and online booking industry.

Led the design and development of innovative and scalable solutions, including:

- A new B2B panel that increased sales by 2000%.
- A microservice architecture for the B2B panel that increased concurrent users to 1,500 and active users to 200,000 per day.
- Online flight, bus, and train ticket purchasing systems that revolutionized the booking process and increased monthly ticket sales by 40%, slashing booking errors by 50%.

Also, I engineered a cutting-edge Progressive Web App (PWA) user interface using Blazor technology and delivered high-quality REST API services for mobile applications.

Passionate about learning new technologies and applying them to solve real-world problems.

EXPERIENCE

Principal Software Developer

09/2016 - Present

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- Led the design and development of a new B2B panel that increased sales by 2000%.
- Migrated the panel to a microservice architecture using the Ocelot API Gateway, increasing concurrent users to 1,500 and active users to 200,000 per day.
- Led the development and implementation of online flight, bus, and train ticket purchasing systems that revolutionized the booking process and increased monthly ticket sales by 40%, slashing booking errors by 50%.
- Engineered a cutting-edge Progressive Web App (PWA) user interface using Blazor technology.
- Delivered high-quality REST API services for mobile applications.
- Devised and executed a comprehensive optimization strategy for the search engine structure, using Elasticsearch to reduce search time from 10 seconds to less than 0.5 seconds.

Tech & Tools: C#, Asp.Net 6.0, Blazor, Ocelot API Gateway, Redis, Elasticsearch, gRPC, JWT Token, MediatR, SQL Server, xUnit for Testing

Development Team Lead

07/2014 - 10/2016

Tak Makaron

- Developed a clear product roadmap and vision, aligning the team around common objectives.
- Effectively resolved issues and eliminated roadblocks, ensuring smooth progress and team productivity.
- Enhanced team strategies for feature delivery and incident management, streamlining processes and improving outcomes.
- Upgraded the project to support multi-branch operation, enabling enhanced collaboration and scalability.
- Overhauled the technology landscape and system architecture, significantly boosting system output and performance.
- Designed and implemented a robust system for efficient data collection and transfer between branches and the head office, improving organizational communication and data flow.

Tools & Tech: C#, Windows form, WCF, ADO.Net, SQL Server, SQL row versioning

Head of IT Research and Development Division

11/2012 - 07/2014

Solico Group

- Conducted comprehensive research and analysis of various solutions and third-party software, identifying the optimal fit

for the company's ecosystem.

- Installed and tailored MS Dynamics AX software, incorporating localization features such as a solar calendar and Right-to-Left (RTL) support, improving usability and meeting specific business requirements.
- Oversaw the installation and administration of Jira software, implementing localization features like a solar calendar and RTL support, enhancing productivity and user experience.

Tools & Tech: Java, X++ scripting language

Senior Software Developer

01/2012 - 10/2012

Mandegar Group

- Designed and analyzed a new project to enhance the efficiency of the company's financial and administrative system. Led the successful migration of the system from Delphi to ASP.Net, resulting in improved performance and streamlined processes.
- Provided diligent support and maintenance for the legacy Delphi system during the transition period until the complete transfer to the new version was accomplished.

Tools & Tech: C#, ASP.NET form, LINQ to SQL, Delphi, SQL Server

Senior Software Developer

04/2010 - 12/2011

Nedapardaz Informatic

- Developed a cutting-edge VOIP-based financial payment system, enabling secure transactions for Sepah, Mellat, and Tejarat banks.
- Provided dedicated support and maintenance for the legacy Delphi-based system, ensuring uninterrupted operation and smooth functionality.

Tools & Tech: C#, Windows service, Delphi, SQL Server

Programmer

01/2008 - 05/2010

Tara Pishro

- Improving the financial system of the photography studio, its development, and maintenance, ensuring its smooth operation and continuous availability with a system uptime of 99.9%.
- Increasing the speed of the system and improving the connection with the database

Tools & Tech: Delphi, SQL Server

Programmer

04/2007 - 01/2008

Padideh Sima

Development and maintenance of the company's financial, accounting, and warehouse systems, ensuring their reliability and continuous improvement.

Tools & Tech: Delphi, SQL Server

Programmer

12/2006 - 04/2007

Portal Melli

Utilized Delphi and SQL Server to design and develop a robust and secure instant messaging system, facilitating seamless communication and collaboration within the organization.

Tools & Tech: Delphi, SQL Server

Programmer

06/2004 - 08/2004

Islamic Azad University of Sabzevar (IAUS)

Implemented a comprehensive registration system and selection process within the university unit web platform, utilizing Delphi.Net and Oracle technologies to ensure efficient and streamlined operations.

Tools & Tech: Delphi.Net, Oracle

EDUCATION

Computer Software

Islamic Azad University - Associate's degree

CERTIFICATES

C# AND .NET ↗

TestDome

04/2023 - Present

SQL (Advanced) ↗

HackerRank

09/2022 - Present

SKILLS

Programming Languages: C#, .NET Core, ASP.NET Core

Frameworks: ASP.NET MVC, Web API, Blazor

Databases: SQL Server (T-SQL), PostgreSQL

Data Access: Entity Framework Core, Dapper

API Design: REST, gRPC, JWT, MediatR

Testing: xUnit

DevOps: GIT, TFS, Pipeline, CI/CD

Front-End Development: JavaScript, CSS, HTML, JSON

Operating Systems: Windows, Linux, Docker

Networking: Network, Infrastructure, IP & Packet, Routing

LANGUAGES

English

Fluent