

# Ali Doustkani

## Senior .NET Developer

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## PROFESSIONAL SUMMARY

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A responsible and hardworking professional with 6+ years of experience and a passion for challenges of enterprise software development. Decreased the technical debt of Parmis financial project tremendously by using Agile (eXtreme Programming) practices and embracing a DDD approach in the team. I also like to blog about software development in my free time.

## TECHNOLOGIES

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Back End	C#, OOP, SOLID, Design Patterns, DDD, CQRS, REST, SQL, ASP.NET Core, Entity Framework, StructureMap, xUnit, Moq, MSBuild, Swagger
Front End	Javascript, React, HTML, CSS, SASS, MVC, Parcel/Webpack, Jest, Cypress
Data Stores	SQL Server, SQLite
Tools	TFS, Git, Azure Pipelines
Desktop	WinForms, WPF, MVVM

## EXPERIENCE

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### Fullstack Developer | Freelance | 2018 – Present

#### Projects:

- *Programming Blog* - A blog for writing about code and software.
- *Richtext Editor* - A richtext editor for dealing with direction complexities of bilingual texts. It was created for the Blog project but released as a separate NPM package.

#### Role and responsibilities:

- Developed APIs using ASP.NET Core, EntityFramework, CQRS, and Swagger.
- Released an open source web richtext editor on NPM using GitHub and AzurePipelines.
- Built a blog content management front-end including the richtext editor with React, VanillaJS and Sass.
- Implemented front-end integration & unit tests with Jest, Enzyme, and Cypress.
- Built a simple NodeJS service on Heroku for styling programming codes.
- Technologies: ASP.NET Core, xUnit, NSubstitute, Entity Framework Core, SQLite, DDD, CQRS, MediatR, Swagger, Asynchronous Programming, NPM, Git, AzurePipelines, YAML, React, Javascript, SASS, Jest, Enzyme, Cypress, NodeJS, Heroku, Auth0.

## Senior .NET Developer | Parmis | 2014 – 2017

*Parmis is a FINTECH company that provides modern sales and financial services for its customers. It serves various industries with a whole range of products like CRM, order processing, and accounting.*

*Role and responsibilities:*

- Built back-end services using ASP.NET Web API, demonstrating RESTful architecture and using asynchronous programming.
- Rearchitected legacy procedural-based modules (Transaction Scripts) to testable, object-oriented domain models with DDD approach which decreased technical debt tremendously.
- Optimized domain process of year-end closing 50% faster by using T-SQL scripts and Repository pattern.
- Embraced unit and integration testing policies with MSTest Suite, TFS test automation and nightly builds to maintain a continuously integrated system, which led to much fewer bug reports.
- Implemented a shared kernel of accounting domain using .NET Portable Class Library in a TDD manner so it could be used across multiple platforms.
- Directed the order processing user-interface for the mobile app using XAML, and MVVM.
- Developed desktop invoice processing application using C#, MVP, IoC Container, SQL Server, and Entity Framework.
- Technologies: ASP.NET Web API, DDD, T-SQL, MS SQL Server, EntityFramework, MSTest, Moq, TFS, CI, Repository, MVP, WinForms, Stimulsoft Reporting.

## .NET Desktop Developer | Freelance | 2012 – 2013

*Projects:*

- *Cactus Guru: A shiny app for managing a collection of cactus plants. The source code is available on Github.*
- *Wear Glasses: An application for detecting face and placing different glasses on it. The app used Microsoft Kinect for user interaction. My job was to design and implement the GUI.*

*Role and responsibilities:*

- Implemented and maintained user-friendly apps with C#, NHibernate, ADO.NET, StructureMap and SQL databases.
- Built odd-looking graphical user interfaces for windows apps using WPF and DevExpress control library.
- Completed a customized build process with MSBuild and TFS Release pipeline.
- Technologies: WPF, MVVM, DevExpress, StructureMap, MS SQL Server, NHibernate.

## EDUCATION

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B.Sc. in Software Engineering | University of Science and Culture | Tehran, Iran

2010 – 2013

A.Sc. in Software Engineering | Shamsipour Technical College | Tehran, Iran

2008 – 2010

## PROFILES

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Personal Website: [alidoustkani.com](http://alidoustkani.com)

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