



Merve Tüysüz

A result-driven, customer-focused, articulate and analytical **software developer**

8+ years of hand-on experience in designing, developing, testing, maintaining, debugging software for over 10 million users

good understanding of **software development life cycle and agile methodologies**

good interpersonal skills & good command of English



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Skills

Experienced

JavaScript (ES6), TypeScript, Angular 8, ngRx, React, HTML5, CSS3 (Scss, BEM), Git, C#, .Net Framework, MS SQL Server, T-SQL, JIRA, Azure DevOps, Bitbucket, Bootstrap, Magento 2, Craft CMS

Working Knowledge

Ruby on Rails, Ruby, ASP.NET Core

Experience

Frontend Architect - Migros, Jul 2019 - still working

NEXT (Migros Transformation Project): The transformation project of Migros, the biggest retail supermarket chain Turkey, which aims to re-engineer all internal tools using cutting edge technology, establish QA and CI/CD practices and mentor all departments about the improved infrastructure.

Stack: Angular 8, CSS3 (Sass, BEM, flex), HTML5, Nrwl Nx, Azure DevOps, Docker, JIRA, Sketch

- Working as the front-end architect in this transformation process with a team consisting of 2 Backend Developers (Java Spring), 1 DevOps Engineer (Azure DevOps), 1 QA Engineer, 1 other Frontend Developer and 1 UI/UX Designer.
- Participating in all decision-making processes which includes the database design, tooling, deployment processes etc.
- Making use of monorepo pattern since there are advantages of re-usability and dependency management by utilizing Nrwl Nx monorepo tool.

- Mentoring the teams about Angular and any other technology which is chosen for a specific problem and make their transition easy from Oracle Forms.
- Transforming all the existing applications one by one and transfer the project to designated teams.
- Writing tests using Jest and Cypress.
- Establishing CI/CD processes on Azure DevOps with the DevOps Engineer.
- Transforming the department teams to dev-ops teams with developers, product owners, designers and dev-ops engineers.
- In three months, 4 applications were delivered:

Migros Authorization & Operator: These two SPAs are authorization infrastructure for all applications (SPA, SSR, Native) and micro services which are going to be re-engineered during the process. In this web application, developers can create an application or service to get client id/secrets as well as users, permissions and groups. These are going to be used by other applications to control authorization. This is mainly a CRUD SPA for these entities. Operator is a similar app with smaller set of operations which includes users, groups and user groups and it is used daily by operation staff.

Migros Profile: This application is for individual Migros employees where they can view/edit their info and see their authorized applications as well as logs like latest login etc.

Migros Projects: This is the portal where all IT department can view the ongoing projects and their status. This application is designed to use JIRA's APIs to calculate the completeness of a project.

Senior Software Developer - **Brew Interactive**, Jun 2017 - April 2019

Food Service Direct (in collaboration with Unilever USA): A responsive e-commerce website for Unilever which operates in the USA. It is generated as Magento Commerce website and for customer interaction, it utilizes React as a library.

Stack: Magento, PHP, React, Redux, CSS (Sass, BEM), HTML5, Magento Cloud, Docker (for development), JIRA, InVision

- Working as the senior full stack developer with a team consisting of 2 UI/UX Designers, 1 Frontend Developer and 3 Backend Developers.
- Gathering user requirements both from the customer representatives and the project managers in Brew.
- Attending daily scrum meeting calls with the customer.
- Creating user stories and technical tasks according to the requirements and distributing to the team depending on skills. Mentoring junior developers as well as acting as a bridge between Unilever team and the development team.
- Responsible for integration, staging and production environments as well as deploys.
- Frontend development using React as a library and Redux as a state pattern which utilizes Magento REST API.
- Responsible for checkout process which includes PayPal, Apple and online credit card payments.
- Backend development using PHP. Developing custom APIs as an extension to Magento's built-in REST API.

Mobilet (in collaboration with Doğuş Technology & Pozitif): A ticketing platform for Pozitif (an entertainment company in Turkey) which is operating in Turkey.

Stack: Angular 6 (latest at that time), CSS (Sass, BEM), HTML5, Bitbucket (later Azure), JIRA, InVision

- Working as a senior front-end developer with two UI/UX Designers and 1 HTML/CSS Developer, 2 junior Frontend Developers and 1 other Frontend Developer in collaboration with a back-end team from Doğuş Technology (a tech company in Turkey).
- Gathering requirements, creating user stories and tasks and distributing across the team.
- Frontend development using Angular especially focused on services, component interaction and state management.
- Managing applications on Bitbucket with test and staging environments (automatic builds) which is integrated with JIRA where every commit has a reference to its own task.
- During the project 4 enterprise applications were delivered, all of which is developed with Angular 6 and consumes REST APIs developed with C#.
- **Mobilet Back Office:** Used by the Pozitif employees for creating new events, venues, artists, seating arrangements as well as ticket categories and profiles. It consumes the REST APIs for CRUD operations.
- **Mobilet Box Office:** Used by the box office for selling tickets to customers. The SPA consumes REST APIs to list events and choose seats as well as getting the customer info. It has a shell application which is integrated with POS and consumes its APIs for the checkout process.
- **Mobilet Kiosk:** Used by the customers for self-service experience. It works on a kiosk which runs a Chromium browser. It is integrated with a POS for checkout process.
- **Mobilet CMS:** Used by the Pozitif employees to enter content for the Pozitif Blog.

Software Developer - **Softtech**, Jan 2011 - Jun 2016

Part of the Telephone and Mobile Banking Branch Team which consists of 9 full-stack developers, 1 business analyst and 2 product owners. Responsible for mobile and telephone branches of Is Bank which is used by 10 and 2 million of people respectively.

İşCep (in collaboration with Türkiye İş Bank): Mobile banking application for Is Bank which has a wide operation set ranging from money transfer to paying for taxes

Stack: C#, .NET, SQL Server, T-SQL, ClearCase, ClearQuest

- Back-end development in C#/.NET to build a monolithic service to serve both İşCep and the IVR system.

IVR (in collaboration with Türkiye İş Bank): Interactive Voice Response is the telephone banking branch of Is Bank. It consumes a backend service and utilizes JavaScript for client-side operations.

Stack: JavaScript, C#, Geneys Platform

- Working as the lead developer for this project with 1-2 junior developers.

Junior Software Developer - **Stramax**, Feb 2010 - Dec 2010

IVR (in collaboration with NCR and Türkiye İş Bank): The telephone banking branch of Is Bank.

Stack: JavaScript, C#, Geneys Platform IVR

- IVR development using Genesys platform and JavaScript
- Backend development using C#

Education

- **Istanbul University**, 2015 - still studying
 - Sociology, BSc - Faculty of Open and Distance Education
- **Yıldız Technical University**, 2004 - 2009
 - Mathematical Engineering, BSc
- **Kabataş High School**, 2001 - 2004

Interests

🎧 Rock, 🚴 bicycling, 📷 trekking/hiking, 🏕 camping, 🌱 permaculture, 🍳 cooking, 🧠 cognitive science

References

Available upon request.

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