Onur Eren AKGÜL *Fullstack Developer*

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ABOUT ME

Full-Stack Developer with over one year of professional experience designing and maintaining web applications using **Angular** and **ASP.NET Core Web API**. At **Larinsoft Bilişim Teknoloji A.Ş.**, I deliver solutions such as the **Cat6 Onboarding Module**, the **E-Auction Portal**, and a **Content Management Application** while proactively adopting best practices to optimize performance, scalability, and user experience. I hold a **B.Sc. in Computer Engineering** from Bartın University and continue to advance my expertise in full-stack development.

EDUCATION

08.2019 – 06.2024 Bartin, Turkey	**B.S. in Computer Engineering** *Bartin University* 3.11/4.0 GPA as an Honor Student
10.2022 – 02.2023 Kielce, Poland	**B.S. in Computer Science** *Politechnika Świętokrzyska* Erasmus Student

EXPERIENCE

10.2024 – Present Ankara, Turkey	**Fullstack Developer** *Larinsoft Bilişim Teknoloji A.Ş.*

- **Developed various web applications**, including the Cat6 Onboarding Module, the E-Auction Portal and a Content Management Application, using Angular for front-end and ASP.NET Core Web API for back-end to deliver responsive, enterprise-grade solutions.
- **Migrated a legacy Risk Analysis Application** from Angular 12 to Angular 19 (with PrimeNG 19), cutting front-end load times by ~40% and improving maintainability.
- **Refactored back-end services** to .NET 8 async Task patterns with Entity Framework Core, reducing CPU usage by ~25% and increasing request throughput.

02.2024 – 05.2024 Ankara, Turkey	**Full-Time Intern** *Larinsoft Bilişim Teknoloji A.Ş.*

- **Built responsive single-page applications** with **Angular**, **HTML5**, **CSS3** and **TypeScript**, implementing reactive forms and client-side validation to improve UX and maintain a clean codebase.
- **Designed and exposed RESTful APIs** using **ASP.NET Core Web API**, applying SOLID principles and Swagger documentation to streamline front-end/back-end integration.
- **Modeled and queried data** with **Entity Framework Core** and **Microsoft SQL Server**, optimizing complex queries (e.g. indexing and query refactoring) to reduce average response times by up to 30%.

LANGUAGES

English
B2 Level given from University of
Bartin, Faculty of Foreign
Languages

Turkish
Native Language

SKILLS

Frontend
- **Angular: Advanced**
- **PrimeNG: Advanced**
- **Tailwind CSS: Intermediate**
- **HTML5: Advanced**
- **JavaScript / TypeScript: Advanced**
- **CSS: Lower-Intermediate**

Backend
- **ASP.NET Core Web API: Intermediate**
- **Entity Framework Core: Intermediate**

Databases
- **PostgreSQL: Intermediate**
- **Microsoft SQL Server: Lower-Intermediate**

Programming Languages
- **C#: Intermediate**
- **Java: Lower-Intermediate**

PROJECTS

E-Auction Portal ⬈
Designed and implemented an Auction Management System using Angular 15, PrimeNG, ASP.NET Core, Entity Framework Core with PostgreSQL;
In this project, I developed a **web-based Auction Management System** that **automates the entire tender lifecycle**. On the front end, I used **Angular 15** and **PrimeNG** to build **responsive, reactive forms** for tender creation, bid submission, and session configuration—supporting both **full-lot** and **item-based bidding modes**—and implemented **file-upload components** for tender documents.
- On the backend, I **architected a RESTful ASP.NET Core Web API** with **Entity Framework Core** backed by a **PostgreSQL database** to model **tenders**, **firms**, and **bids**, enforcing business rules around **bid windows**, **session activation**, and **approval workflows**.
- Integrated **ClosedXML (XLWorkbook)** to enable **bulk Excel bid import/export**, writing parsers that map spreadsheet data to domain entities.
Implemented **claim-based authorization policies** so that each user can only:
- **See bids they personally submitted**, and
- **Submit bids on auctions for which they have been explicitly invited**
- Public bid forms were secured with **Google reCAPTCHA v3**.

CAT 6 Onboarding Module (Intranet Application)
Designed and implemented an Onboarding Workflow Automation Module for AssisTT
In this project, I developed the front end of a web-based Onboarding Module to automate the end-to-end candidate lifecycle. Using **Angular 17** and PrimeNG:
- Built multi-step application forms with **Angular reactive forms** and **PrimeNG components** to capture candidate personal details, education history, work experience, and document uploads.
- Implemented comprehensive client-side validation (both synchronous and asynchronous) to guide users and ensure data accuracy.

- Integrated form submissions with **RESTful API endpoints** to persist application data and automatically trigger downstream workflow steps.
- Developed an HR review dashboard featuring **sortable, filterable data tables** and **detail panels** for assessing submitted applications.
- Added inline review actions—**approve**, **reject**, **comment**, and **request additional information**—so reviewers could complete all tasks within a single interface.
- **Configured** real-time status updates and **notifications** to keep candidates and HR personnel informed of review progress and next steps.
- Ensured all form and review components were **fully responsive** and met **accessibility standards** for a seamless user experience.

Content Management Application
Designed and implemented a Content Management Application using Angular 19 and .NET 8
In this project, I developed a **web-based Content Management Application** comprising two modules—an **Admin Dashboard** and a **Content Viewer**—with a consistent look-and-feel powered by **PrimeNG 19 themes**.
Key contributions:
- Built the **Admin Dashboard** with **Angular 19**, using reactive forms to create, edit, schedule and organize content items, categories and media uploads
- Styled all UI components with a **custom PrimeNG 19 theme**, ensuring consistent branding and a modern user experience
- Implemented client-side validation, conditional field visibility and file-upload components to streamline the authoring experience
- Developed the **Content Viewer** module with lazy-loaded routes, pagination and search/filter functionality to present dynamic content to end users
- Architected a **.NET 8 Web API** with **Entity Framework Core** to handle CRUD operations on content and media metadata
- Integrated token based authentication and role-based authorization so that only admins can manage content while end users have read-only access
- Optimized API endpoints with paging, caching and error-handling middleware for fast, reliable content delivery
- Ensured a fully responsive UI and compliance with accessibility standards across both modules

Risk Anaylsis Application
Designed and modernized a Risk Analysis Application using Angular 19, PrimeNG 19, and .NET 8
In this project, I upgraded our legacy Risk Analysis Application—originally built on **Angular 12**—to a fully modernized solution with a refreshed UI and asynchronous, scalable backend. Key contributions:
- Migrated front-end from **Angular 12** to **Angular 19**, updating all dependencies, adopting TypeScript strict mode, and restructuring modules for improved maintainability
- Upgraded UI library to **PrimeNG 19**, restyling components for a cohesive, modern look and ensuring consistent theming across dashboards, forms, and reports
- Enhanced Reactive Forms, implementing dynamic validation, conditional field visibility, and custom controls to streamline risk parameter input and scenario configuration
- Implemented lazy-loaded feature modules and route-level code-splitting to reduce initial bundle size and accelerate application startup
- Refactored back-end services to **.NET 8**, converting synchronous operations to **async Task** patterns for non-blocking I/O and improved throughput
- **Architected a Web API** with **Entity Framework Core**, leveraging async LINQ queries, paging, and caching to efficiently serve large volumes of risk data
- Integrated token based authentication and role-based authorization so that users see only their permitted risk portfolios and actions
- Optimized performance via distributed caching, centralized error-handling middleware, and parallel data processing for risk calculations
- Ensured a fully responsive UI and compliance with WCAG standards, delivering a seamless experience on desktop and mobile devices

Personal Portfolio Page ⤢
This project is my personal portfolio page made with Angular 16 framework.
- Built using **Angular 16** to create a single-page application (SPA) showcasing personal projects and skills.

- Utilized Angular's **component-based architecture** for modular development, **routing** for navigation, and **Reactive Forms** for handling user inputs.
- Designed with **CSS** for responsiveness and a clean layout, ensuring compatibility across devices.
- Deployed on **GitHub Pages** for easy access, with configuration for **continuous integration** to automate updates.

Link Shortifier

This project is a link organizer that helps people to shortify their links and manage their social media portfolio. The project's API has been provided from the company.

- A client-side URL shortening tool developed using **HTML**, **CSS**, and **JavaScript**.
- Implements core functionalities for taking long URLs and generating shorter versions directly on the front-end, using JavaScript's built-in methods without any backend dependencies.
- Provides a user-friendly interface with a responsive design, utilizing CSS for styling and layout.
- Features include validation to ensure input URLs are formatted correctly and a copy-to-clipboard function for user convenience.

Phonebook Web Project ⬀

A simple phonebook app made with angular 16 and Asp.net

- Developed a phonebook application using **Angular 16** for the front-end and **C# ASP.NET Core** for the backend.
- Implemented CRUD operations to manage contact entries, using **Entity Framework Core** for database interactions.
- Integrated **Angular Reactive Forms** for validation and data binding, ensuring a smooth user experience.
- Utilized **CSS** for styling and layout, creating a responsive interface.

To-do List Web Project ⬀

This is a small to do list app that helps to track things to do

- Created a task management application using **Angular 16** with a focus on simplicity and ease of use.
- Implemented core functionality for adding, editing, deleting, and completing tasks.
- Used **CSS** for the user interface, ensuring a clean and responsive design.
- Utilized **local storage** for data persistence, enabling users to retain their to-do lists across sessions.

Online Restaurant App ⬀

This is an online restaurant marketplace app made with using c# asp.net and angular 16 framework

- Developed a full-stack restaurant marketplace using **Angular 16** for the front-end, with a clean, component-based architecture and **C# ASP.NET Core** for backend services.
- Implemented key functionalities such as menu browsing, order placement, and user authentication.
- Utilized **RESTful APIs** for communication between the client and server, and managed data persistence with **SQL Server**.
- Designed with **CSS** and **SCSS** for a responsive UI, and integrated backend logic to handle business processes.

REFERENCES

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ERASMUS+ EXPERIENCE

10.2022 – 07.2023 Kielce, Poland	**Studied in Poland as an Erasmus+ Student** I have studied abroad in Poland as a Computer Science student for a year. I have gained experiences studying abroad with professors that are expert in their field.

INTERESTS

- Bowling
- Basketball
- Motorsports