

# BERKAY SONEL

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## FULL STACK DEVELOPER - FRONT END DEVELOPER

Hello, I am a passionate front end developer. I have gained in-depth knowledge of JavaScript, React.js and web development through training from reputable platforms such as The Odin Project and Ctrl+Future Bootcamp. In the process, I have developed many projects and shared my work on GitHub. My engineering background has helped me apply my analytical thinking skills and problem solving ability in a valuable way in web development. I look forward to having the opportunity to work on your projects where I believe I can make a valuable contribution.

## KEY SKILLS

JavaScript / TypeScript  
React.js  
ASP.NET / C#

HTML / CSS  
Git  
Azure

Tailwind CSS  
Styled Components  
Material UI

## PROFESSIONAL EXPERIENCE

### KoçSistem

November 2023 - January 2024

#### Full Stack Developer

After successfully completing the Ctrl + Future program, I qualified for an internship at Koç Holding (KoçSistem) with 250 people among 12000. During this internship, I gained experience in database design with MsSql, backend development with Asp.Net Core and front end development with React.js

#### Accomplishments:

- Crafted and optimized Data Transfer Objects (DTOs) with ASP.NET, ensuring efficient data exchange and validation.
- Designed and normalized a relational database with MsSQL, implement relations and tables with ORM tool of Entity Framework.
- Successfully developed backend endpoints, RESTful APIs using ASP.NET
- Implemented Azure SQL Server, Azure App Service and API Management to manage endpoints and CORS rules, enhancing security.
- Engineered visually appealing front-end components using React.js and Styled Components, ensuring a modern and responsive user interface.
- Implemented Single Page Applications (SPAs) with React Router for efficient navigation
- Consumed ASP.NET RESTful backend with React using Axios on the client side.

## EDUCATION

### Ctrl + Future Bootcamp

July 2023 - October 2023

Participating in a collaborative training program with Elev8 Education, Patika.dev, Koç Holding, and Microsoft Turkey, I gained expertise in data structures, algorithms, Agile/Scrum, Azure, JavaScript, HTML/CSS, React.js, Node.js, and Git. After successfully completing the Ctrl + Future program, I secured an internship at Koç Holding (KoçSistem) among 250 individuals selected from a pool of 12,000 candidates, following a series of interviews and exams.

### Çankaya University

2018 - 2023

Civil Engineering · 100% English · Full Scholarship · GPA 2.9

# PROJECTS

## harmonii - Full Stack

Created a social music-sharing platform facilitating user contribution and curation of personalized song playlists. The platform encompasses user authentication and authorization, multiple user roles, and song management features.

Responsibilities:

- Developed the frontend using **React.js** and **Context API** as a single-page app, offering an responsive user interface and clean front end state management.
- Implemented **Firebase Cloud Storage** for efficient storage of song files.
- Utilized **C#** and **Asp.Net Core** for the backend, incorporating **MsSql** and **Entity Framework** for database management.
- Established RESTful API endpoints and **axios** instances for communication between frontend and backend.
- Engineered user authentication, song management functionalities, and distinct user roles with **Asp.Net Identity** and **JWT**.
- Leveraged **Azure** services for deployment, including Azure SQL Server for the database, Azure App Services for hosting the C# backend, and Azure API Management for secure communication via CORS.

Repository: [github.com/berkaysson/harmonii-music-app](https://github.com/berkaysson/harmonii-music-app)

## lifemap - Front End

Developed Lifemap as a powerful life tracking platform, providing users with a comprehensive solution for organizing activities and finances, enabling a clear overview of progress and informed decision-making.

Responsibilities:

- Utilized a stack of **JavaScript**, **React.js**, **CSS**, **Material UI**, and **styled-components** for Lifemap's development.
- Integrated **React Router** for navigation and **Firebase Auth** for user authentication.
- Implemented **Firebase Realtime Database** and **IndexedDB / Dexie.js** for asynchronous data fetches, providing a powerful and accessible life tracking platform.

Repository: [github.com/berkaysson/lifemap](https://github.com/berkaysson/lifemap)

Web site: <https://berkaysson.github.io/lifemap>

For my other projects visit my github profile: [github.com/berkaysson](https://github.com/berkaysson)

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## CERTIFICATES:

Microsoft Certified: Azure Fundamentals · AZ900 · Z6E96E-47CA97  
YDS: 88/100

**December 2023**  
**February 2024**

## REFERENCE:

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