KEREM ALBAYRAK

Full-Stack Developer | React & .NET Specialist

CONTACT

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📍 Ankara - Düzce

🐙 github.com/kerem-alba

in linkedin.com/kerem-albayrak-me

🌐 kerem-alba.github.io/personal-site

TECHNICAL SKILLS

● **Languages & Frameworks**
HTML5, CSS3, JavaScript (ES6+), C#, TypeScript, Python, MATLAB

● **Frontend Development**
React, React Native, Expo, Angular, Bootstrap, Tailwind

● **Backend Development**
Node.js, .NET (7/8), Firebase

● **Database**
MS SQL, PostgreSQL, Firestore, Azure SQL,

● **Version Control**
Git, GitHub

LANGUAGE

English
Advanced reading, writing, speaking
o English Course (150 hours)
  EC New York Language School
  NYC, USA (June-Aug 2013)

EXAMS

o ALES 2020 Score : 89/100
o YDS 2020 Score : 88/100

PERSONAL INFO

Date of Birth : 07.10.1992, Sinop
Drivers License : A-2 / B
Martial Status : Married

EDUCATION

2024- 2026	**Düzce University, Faculty of Engineering, Düzce** Master's in Computer Engineering
2021- 2024	**Gazi University, Faculty of Technology, Ankara** Master's in Industrial Design Engineering
2012-2019	**Bilkent University, Faculty of Engineering, Ankara** Bachelor's in Mechanical Engineering, 50% Merit Scholarship

WORK EXPERIENCE

Software Development

June 2024 -Oct 2024 **Real Solutions, Intern Full Stack Web Developer, Düzce**
(ASP.NET 8, MS SQL, Entity Framework, Angular CLI)

- Developed a web application for in-company use to manage employee leave records and company vehicle tracking using .NET 8 and Angular frameworks with N-tier architecture design pattern to further enhance my skills.

- Gained experience in implementing CQRS (Command Query Responsibility Segregation) and AOP (Aspect Oriented Programming) principles in layered architecture.

- Focused on producing scalable solutions while adhering to SOLID principles and Clean Architecture methodologies for sustainable and high-quality code.

- Managed database operations using Entity Framework, performed migrations, and created effective data queries with LINQ.

Mechanical Engineering

Mar 2024 – Present	Yeter Makina, Project Engineer & Consultant (Remote), Ankara
Jan 2022 – Mar 2024	Yeter Makina, R&D Design Engineer, Ankara
Nov 2020 – Jan 2022	Hidrotim Defense, R&D Design Engineer, Ankara
Nov 2019 – Aug 2020	Mitaş Endüstri, Technical Sales Engineer, Ankara
June – July 2019	Promec Engineering, Intern, Ankara
June – July 2015	Beyer Makina, Intern, Ankara

COURSES

Siliconmade Academy – Siliconhead Program (62 weeks, 650 hours)

Nov 2024 – Feb 2025	360° Leadership Software Expertise 16 Weeks	Design Thinking, Service Design, Business Analysis, User Interface Design, User Experience, Software Testing and Quality, Test Automation, Project Management, Agile Methodology, Digitalization and Emerging Technologies
May - Nov 2024	Frontend - Mobile Development 18 Weeks	React, useState, useEffect, React Router, Redux, Firebase, Tailwind, React Native, Expo, Typescript, ExpressJS, Push Notification, Testing
Dec 2023 - Mar 2024	Full Stack Development 20 Weeks	Bootstrap, JavaScript, Git, GitHub, Asp.Net Core MVC, Web API, SQL, N Layered Architecture, Database Management, EF, JWT Authentication, RESTful API, CORS, Swagger, CRUD Operations, Session & Cookie Management
Aug - Oct 2023	Fundamentals of Programming 8 Weeks	HTML, CSS, XML, JSON, LINQ, OOP