



# KEREM ALBAYRAK

Full-Stack Developer | React Native & .NET Specialist

## CONTACT

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## 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, Firestore, Azure SQL
- **Version Control**  
Git, GitHub

## LANGUAGE

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

## EXAMS

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

## PERSONAL INFO

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

## EDUCATION

- 2025- 2026** **Hacettepe University, Institute of Informatics, Ankara**  
Master's in Software 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** **Real Solutions, Intern Full Stack Web Developer, Düzce**  
**-Oct 2024** (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 and LINQ, performed migrations, and created effective data queries with LINQ.

### Mechanical Engineering

- Jan 2022 – Present** 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)

- May 2024 – Present** 360° Leadership Design Thinking, Service Design, Business Analysis, User Software Expertise Interface Design, User Experience, Software Testing and Quality, Test Automation, Project Management, Agile Methodology, Digitalization and Emerging Technologies  
16 Weeks
- May 2024 – Nov 2024** Frontend – Mobile Development React, useState, useEffect, React Router, Redux, Firebase, Tailwind, React Native, Expo, Typescript, ExpressJS, Push Notification, Testing  
18 Weeks
- Dec 2023 - Mar 2024** Full Stack Development 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 and Cookie Management  
20 Weeks
- Aug - Oct 2023** Fundamentals of Programming HTML, CSS, XML, JSON, LINQ, OOP  
8 Weeks