






# AKIF DEMIREL

## SOFTWARE ENGINEER

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## EDUCATION

**Kocaeli University**  
Computer Engineering  
2019 - 2024 GPA: 3.19

## SKILLS

- Javascript
- React-Native
- React / Next.js
- Python
- Java
- Node.js
- .Net
- Blazor
- Entity Framework
- MongoDB
- Web3
- Figma
- Cloud Computing(AWS)
- Leadership

## LANGUAGES

- English *B2*

## PASSIONS

- Coding
- Football
- Video Games

## CERTIFICATION

- AWS Educate Introduction to Cloud 101
- Agile Development Day - 2024
- KOSGEB Entrepreneurship Training Certificate

## ABOUT ME

I am a passionate full-stack software engineer with 2 years of experience, particularly in **Node.js**, **React** and **React Native**, and have also developed in **.NET**, **Java** and **Python**. After receiving a 1 million TL grant from KOSGEB, I co-founded a company with my partner, where I led our software team in developing both the backend and mobile components of our application. I am experienced in project development and take great pleasure in creating results-driven projects.

## WORK EXPERIANCE

### SOFTWARE ENGINEER

Nacsoft Yazilim  Izmit/Kocaeli  09/2021 - 10/2022

- Created **API** software using **Python**, managing data flow and optimizing cross-system interactions. Developed **AI** models from scratch, enhancing **data recognition** capabilities. Curated and **prepared essential datasets** for optimal model performance. Integrated **AI** models into other systems via **APIs** for user-friendly access.

### SOFTWARE ENGINEER INTERN

Datakod Yazilim  Balçova/Izmir  09/2024 - 10/2024

- Developed a web application for vehicle offer sales using **.NET**, **Blazor**, and **Entity Framework Core**.  
**Repo:** Github.com/demirelakif/BlazorEFCore\_CarBidding

### FOUNDER/SOFTWARE ENGINEER

Bloksoft Yazilim  Bilişim Vadisi Gebze/Kocaeli  12/2023 - 12/2024

- As one of the co-founders of Bloksoft, I developed the mobile taxi application 'GitGel' using **React Native** and integrated **blockchain** technologies using **Solidity** and **Node.js**. We were accepted into the **TUBITAK-2209** program and secured a grant of **1 million TL** through the **KOSGEB Mobility-Oriented Advanced Entrepreneur Support Program**.

### MENTOR

T3 Foundation  Efeler/Aydın  12/2024 - Present

- Guided young individuals in software development and related projects, fostering their technical skills and industry adaptation through mentorship.

## PROJECTS

### GitGel - Blockchain Based Taxi Application

- This taxi service application allows users to deposit funds and make payments to drivers using **Ethereum** wallets created within the app. The mobile app is developed with **React Native**, the backend is built with **Express.js**, **MongoDB** is used, and smart contracts are written in **Solidity**. The app has become a finalist in the **Teknofest 2024 Blockchain Competition** and has received a 1 million TL grant from **KOSGEB**.  
**Demo Video** : youtube.com/watch?v=CKHgJQWFOak

## MacVar - Mobile Pitch Booking Application

- The app allows football field owners and users to manage pitches, make reservations, and handle user management efficiently. It's developed using **React Native** for the mobile app, **Node.js** for the backend, and **MongoDB** for the database.

**Mobile Repo** : [github.com/demirelakif/hali-saha-mobile](https://github.com/demirelakif/hali-saha-mobile)

**Backend Repo** : [github.com/demirelakif/hali\\_saha\\_backend](https://github.com/demirelakif/hali_saha_backend)

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## Portfolio Website

- This project is a personal portfolio website developed with **Next.js** and **TypeScript**. The user interface is designed using **TailwindCSS** and **Aceternity UI**, providing a modern look. Additionally, animations have been added to the site using the **Framer Motion** library.

**GitHub Repo** : [github.com/demirelakif/portfolio](https://github.com/demirelakif/portfolio)

**Website** : [demirelakif.vercel.app/](https://demirelakif.vercel.app/)

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## Game Scout

- Game Scout is a web application developed to help users discover and explore popular games. Built with **Next.js 15** and **Tailwind CSS**, the application offers a modern and responsive user interface using **React** and **TypeScript**. Through **web scraping** with **Python**, the Game Pass and Torrent links for games are automatically fetched. **PostgreSQL** is used to store the data, and the RAWG API provides game information. Users can search, filter, and explore detailed game data.

**GitHub Repo** : [github.com/demirelakif/game-scout](https://github.com/demirelakif/game-scout)

**Website** : [akifs-game-scout.vercel.app](https://akifs-game-scout.vercel.app)

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## Zoom Clone Project

- This project is a **Zoom clone** developed with **Next.js 15** and **Tailwind CSS**, allowing users to conduct video and audio calls. It is written in **TypeScript** and integrates **Stream** for media streaming. **Clerk** is utilized for secure authentication. The user interface is designed with **ShadCN** components for a modern look.

**GitHub Repo** : [github.com/demirelakif/video-conferencing-app](https://github.com/demirelakif/video-conferencing-app)

**Website** : [video-conferencing-app.vercel.app](https://video-conferencing-app.vercel.app)

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## Expense - Nacsoft Yazilim

- I worked on the **OCR** (Optical Character Recognition) side and various API development projects in the iExpense application at **Nacsoft** Software Company. We focused on extracting and processing essential information from **invoices** using our **own developed OCR** system. During this process, we developed **three different models: receipt detection, text detection, and text recognition**. We utilized **Python, deep learning, CNN** (Convolutional Neural Networks), **RNN** (Recurrent Neural Networks), and **CRNN** (Convolutional Recurrent Neural Networks) models. Additionally, we performed data formatting to enhance the accuracy of the results.
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## Reference

Gökhan Çelik

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