



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.

FOUNDER/SOFTWARE ENGINEER

Bloksoft Yazilim  Bilişim Vadisi Gebze/Kocaeli  12/2023 - 10/2024

- 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**.

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

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
Backend Repo : github.com/demirelakif/hali_saha_backend


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PROJECTS

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

Website : portfolio-z3ab.vercel.app/

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

Website : akifs-game-scout.vercel.app

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

Website : video-conferencing-app.vercel.app

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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Referance

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