






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 / .Net Core
- Blazor
- Docker
- Mongo DB
- 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 **full stack software developer** 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 have experience working **collaboratively** on **innovative** projects and take great pleasure in creating solutions that deliver impact.



WORK HISTORY

SOFTWARE ENGINEER

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

- Engineered an **OCR** system for iExpense Application to extract and process key information from invoices, improving system **accuracy** by **25%** in **data extraction** tasks.
- Developed **API** to enhance cross-system data flow, increasing **efficiency** in the software development process.
- Utilized **Python** for various web development projects, contributing to **front-end** and **back-end** integrations that enhanced user experience.

SOFTWARE ENGINEER INTERN

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

- Created a vehicle offer sales web application using **.NET**, **Entity Framework** and **Blazor**.
- Implemented **SQL database** solutions to manage data storage efficiently, ensuring robust performance and easy access to critical data.
- Applied **responsive design** principles with **CSS** to optimize **user experience** across multiple devices.

FOUNDER / SOFTWARE ENGINEER

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

- Designed and developed the **mobile** taxi application '**GitGel**' using **React Native**, integrating **blockchain** technologies with **Solidity** and **Node.js**. The project secured a grant of **1 million TL** through the **KOSGEB Mobility-Oriented Advanced Entrepreneur Support Program**.
- Collaborated with a team to implement **scalable back-end** systems using **Node.js**, resulting in improved performance and user satisfaction.
- Led the **software development lifecycle** processes, ensuring **clean coding** practices and meticulous attention to detail throughout the application development.

MENTOR

T3 Foundation  Efeler/Aydın  12/2024 - Present

- Guiding 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 crafted 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
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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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Portfolio Website

- This project is a personal portfolio website developed with **Next.js** and **TypeScript**. The user interface is designed using **Tailwind CSS** 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 : demirelakif.vercel.app/
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Game Scout

- Game Scout is a web application created 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
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Zoom Clone Project

- This project is a **Zoom clone** built 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
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IEExpense - 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 engineered 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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