AKIF DEMIREL

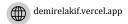
SOFTWARE ENGINEER











EDUCATION

Kocaeli University

Computer Engineering

2019 - 2024 GPA: 3.19

SKILLS

- Javascript
- React-Native
- React / Next.js
- Python
- Java
- Node.is
- .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 cofounded 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 2 Izmit/Kocaeli 09/2021 - 10/2022

 Created API software using Python, managing data flow and optimizing crosssystem 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 2 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

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

 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 **Backend Repo**: github.com/demirelakif/hali_saha_backend

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: demirelakif.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-conferancing-app

Website: video-conferancing-app.vercel.app

IExpense - 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.

Referance

Gökhan Çelik

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