AKIF DEMIREL

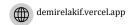
SOFTWARE ENGINEER











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 2 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 **frontend** and **back-end** integrations that enhanced user experience.

SOFTWARE ENGINEER INTERN

Datakod Yazilim 2 Balçova/Izmir 6 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

• 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

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 **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/

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

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-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 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.

Referance

Gökhan Çelik Senior Team Leader | SRE @ Airties **Email:** gokhan.celik@airties.com

Phone: +90 532 630 4393