Ekrem Kırdemir

Full Stack Developer

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🔗 EkremKirdemir 🔗

Summary

As a proactive and ambitious fourth-year student at Kocaeli University with a 3.00 GPA. I am keen to secure an internship in web or mobile development. My experience with Django, React Native, Flutter and introductory knowledge of .NET reflect my quick-learning abilities and passion for technology. Eager to apply my skills in a practical environment, I am looking for an opportunity to contribute to innovative projects while further enhancing my expertise in a dynamic tech setting.

Education

Tc Ziraat Bankası Balıkesir High School of Science

Kocaeli University
Bachelor at Computer Engineering
2021 - 2025

Technical Skills

React Native, ASP.NET Core, TypeScript, Html/Css, MongoDB, PostgreSQL, Python, Django, MVC, SQL, AWS, Firebase, Git, Java, Ms Office, REST API

Soft Skills

Collaboration, Problem-solving, Communication, Time management, Result-oriented

Languages

English, Turkish

Projects

Restaurant Simulation Django Project 🔗   2023 - 2023

Led the 'Restaurant Simulation' project with Django, utilizing DjangoChannels and WebSockets for real-time communication and multithreading. Excelled in complex backend development, resource synchronization, andenhancing user engagement.
- Implemented real-time communication using Django Channels and WebSockets, improving system responsiveness and user interaction.
- Optimized backend performance with multithreading and resource synchronization, enhancing efficiency and scalability.

Web Scraping Django project 🔗   2024 - 2024

Developed a scholarly search platform with Django, using Selenium and BeautifulSoup for web scraping to collect academic papers. Improved accessibility with advanced search and intuitive data presentation.
- Automated academic data collection with web scraping, reducing manual effort.
- Enhanced search efficiency with optimized queries, improving retrieval speed and accuracy.

Library app in React Native 🔗   2024 - 2025

Developed a library app for managing books and cover photos using React Native (Expo), TypeScript, Redux, RESTful APIs, and AsyncStorage, featuring AI-powered cover scanning, motion sensors, and session-based authentication.
- Implemented AI-powered book cover scanning, enhancing search efficiency and user experience.
- Integrated motion sensors and session-based authentication, improving app security and usability.

Work Experience

FreeLance - Flutter and Python Developer   2022 - 2022

I have worked on Flutter and Python projects, specializing in mobile apps and backend automation. I built a QR Image Scanner in Flutter for seamless QR code processing and web scraping Python tool to automate data collection for an e-commerce site.
Developed a high-performance QR Image Scanner using Flutter, optimizing scan speed and accuracy, which improved user experience.
Designed and implemented a Python-based web scraping tool that automated product data extraction, reducing manual workload by 80%.

Kocaeli University - STAR Lab - Analyst Team Lead   2022 - 2024

Organized teams for website construction using .net and analysis of existing sites. Plotting them onto graphs using the Matplotlib library on the backend and integrating them into the current site with API.
Led the development of a data visualization module by implementing Matplotlib for backend analytics, enhancing site performance insights by 30%. Successfully integrated API-driven solutions to streamline data flow between newly developed websites and existing platforms, improving operational efficiency.