OĞULCAN BOZKURT

SOFTWARE ENGINEER

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SUMMARY

I'm a junior software engineer with over 1.5 years of hands-on experience in developing desktop, mobile, and web applications. I specialize in working with SQL databases, managing VMs, and optimizing system architectures. My expertise spans full-stack development, cloud services, microservices, and real-time applications. I thrive in dynamic environments, continuously improving and implementing innovative solutions to drive efficiency and performance.

I **bring value by:**
- Building full-stack applications with clean, responsive UIs and scalable, maintainable backends
- Designing and implementing robust, modular architectures using microservices and OOP principles
- Solving complex system design challenges and optimizing performance across distributed systems

EDUCATION

BASKENT UNIVERSITY

Ankara, Turkey
Feb 2022 - June 2025

B.S **COMPUTER ENGINEERING**
- **%100** Scholarship
- **3.36** GPA

WORK EXPERIENCE

QUI STUDIO

Istanbul, Turkey
Feb 2024 - Oct 2024

Software Development Intern

- Completed a **9-month long-term** internship.
- Developed full-stack web applications using **Next.js, React.js, TypeScript, GraphQL&Apollo,** and **Hasura.**
- Implemented **Esri GIS** Mapping to build geospatial applications.
- Built an e-commerce web application for a client-based project, adhering customer-centric methodology.

BOSCH TURKEY

Bursa, Turkey
Oct 2024 - Present

Part-time Software Engineer

- Part Time software engineering as a 4th year engineering student for 8 months now.
- Have **developed & maintained** multiple softwares which are used throughout the department.
- Wrote services for inter-department communication & deployed VM IIS.
- Have played role in building digital twins.
- Front-end technologies: **Angular, Rxjs, HTML&CSS, Tailwind**.
- Back-end technologies: **Django, Node.js, Express.js, Prisma, Microsoft Access**. Worked with large database with over **400+** tables.
- Database technologies: SSMS, Microsoft Access.
- Software tools: IIS, Github, Bash

LANGUAGES & TECHNOLOGIES

Back-end Development: django, node.js, java spring, express, .net8

- Strong understanding of http services, rest apis & OOP.
- Experiences with jwt tokens, websockets, NTier Architectures.

Front-end Development: react, angular, next.js, electron

- Professional work experiences with react & angular.
- Deep understanding of JS/TS libraries & frameworks.

Database Technologies: postgres, mongodb, ssms, prisma

- Professional work experiences with SSMS, MSSQL, SPs & Triggers

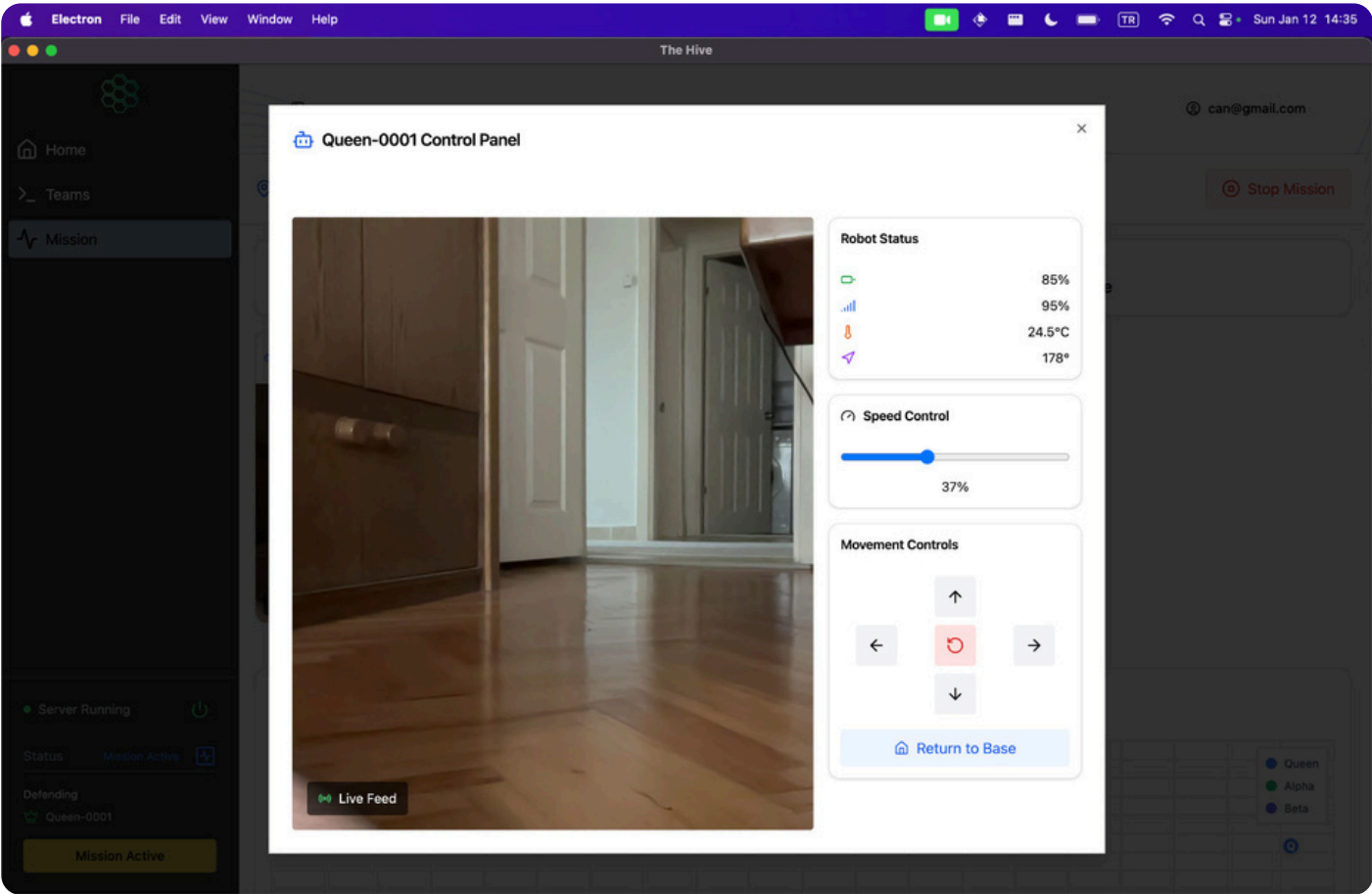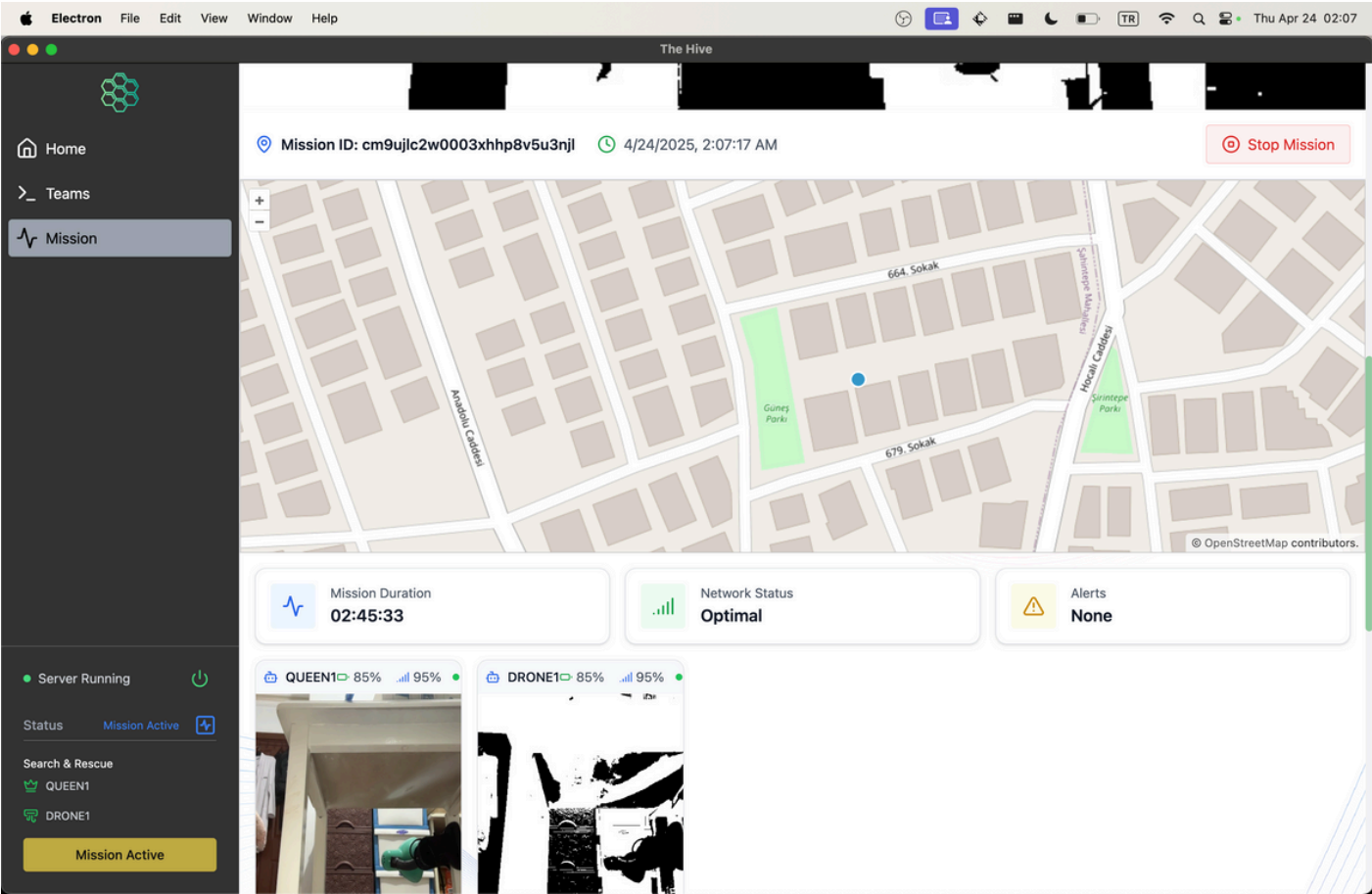|	
Programming Languages:	C, C++, C#, Java, TS, Python
Software Tools:	Bash, Shell Scripting, Github, Git, Agile
Cloud Technologies:	Microsoft Azure, S3
ML:	Pytorch, Tensor Flow
Soft Skills:	Team player, bias for action, result driven

PORFOLIO

The Hive (Graduation Project):

2025

- Built for controlling robotics.
- Includes a websockets server for sharing live feed & location.
- Made with E**lectron.js**, PostgreSQL, Shadcn, Tailwind, JWT.
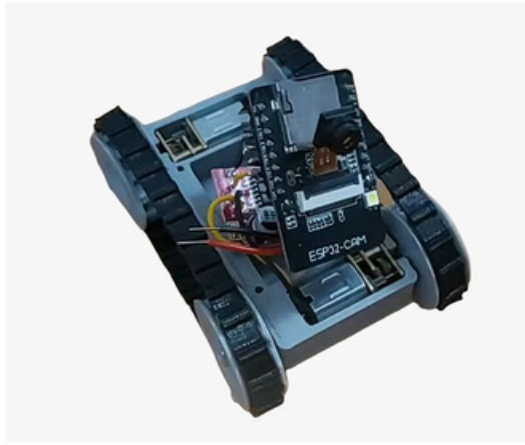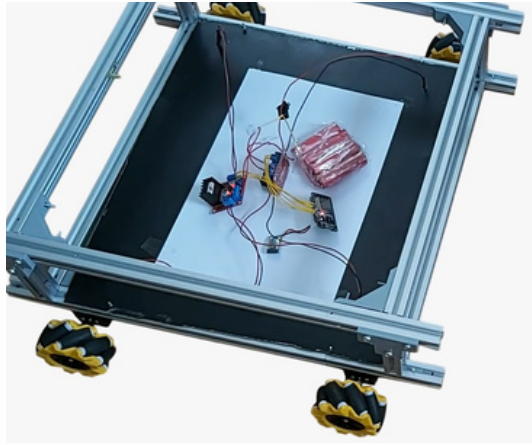- Supports up to 5 robotic devices.

The Colony - Collaborative Robots (Graduation Project):

- Developed a collaborative multi-robot system for **mission-oriented tasks** such as search and rescue
- Designed a **star topology communication** network between Queen, Alpha, and Beta robots
- Utilized **Raspberry Pi 4** and **ESP32 microcontrollers** for onboard processing and communication
- Implemented computer vision and machine learning techniques for **autonomous decision-making**
- Established reliable **TCP** and socket-based communication protocols for **real-time data exchange**

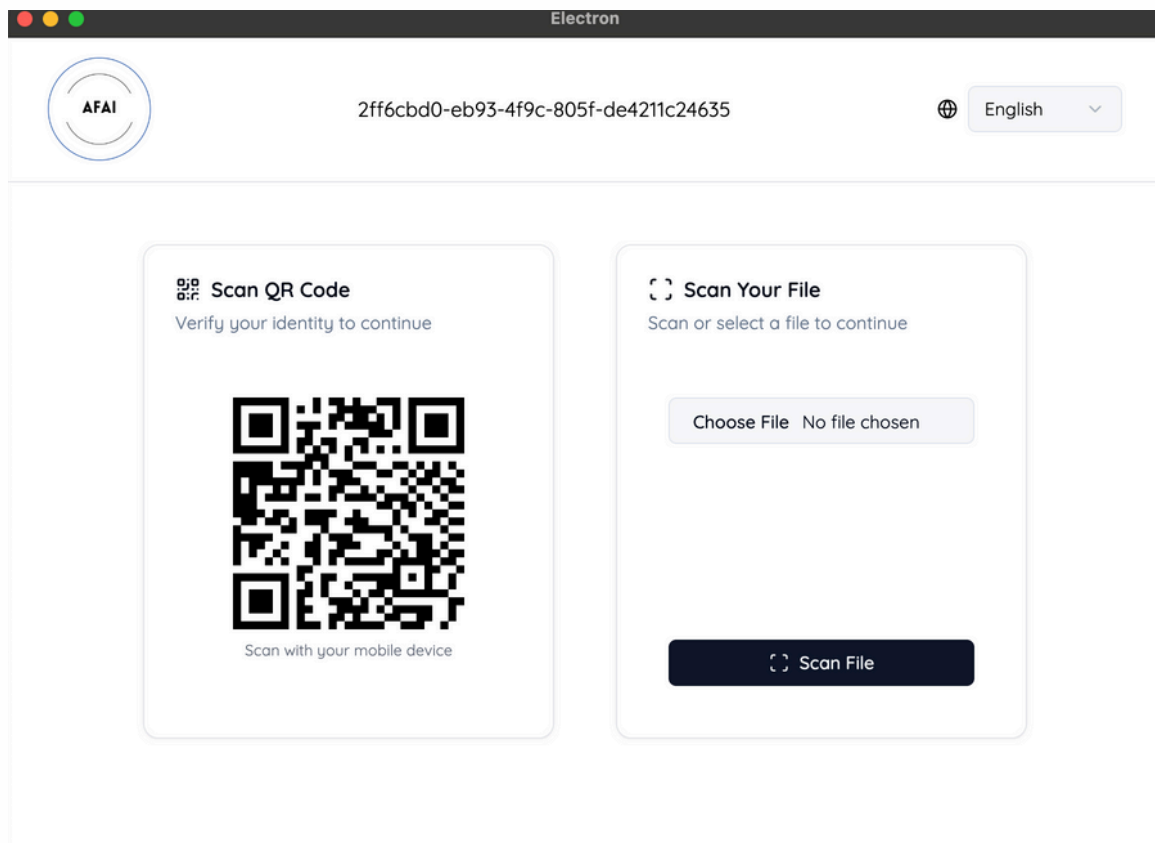## AFAI (Document Fill Automation Application):

- Built for filling any files with wished information.
- Real-time data transfer with websockets between desktop and mobile application.
- Made with Electron, React Native, Typescript, Expo SDK52
- Responsible user interfaces
- Supabase Backend

Desktop Application

- Multi-language support
- Listen qr code changes with real-time database
- Connect with AI model to fill the uploaded file.
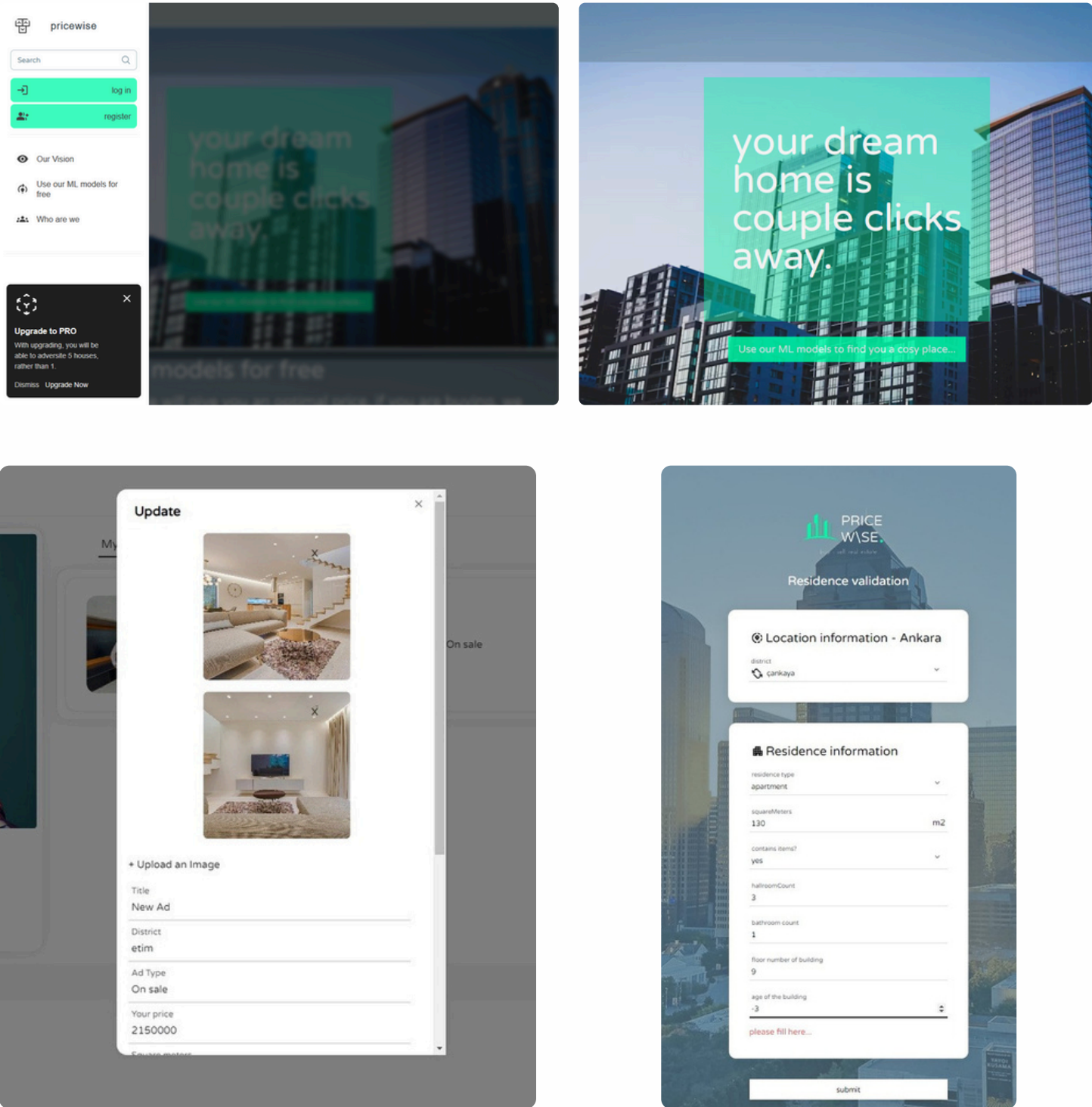
Mobile Application:

- Scan QR Codes
- Upload files to fill
- Re-check AI filled files.

PriceWise:
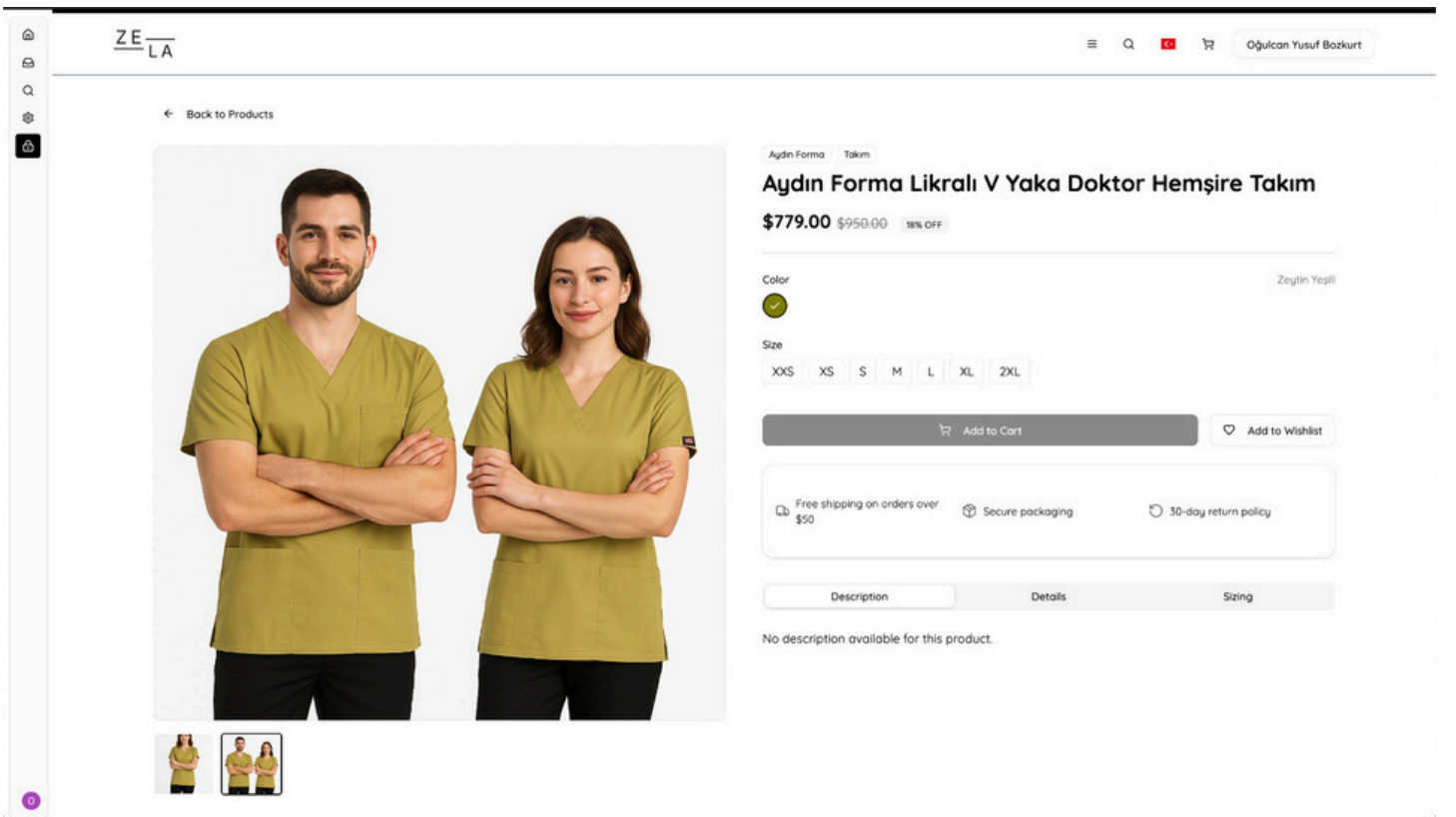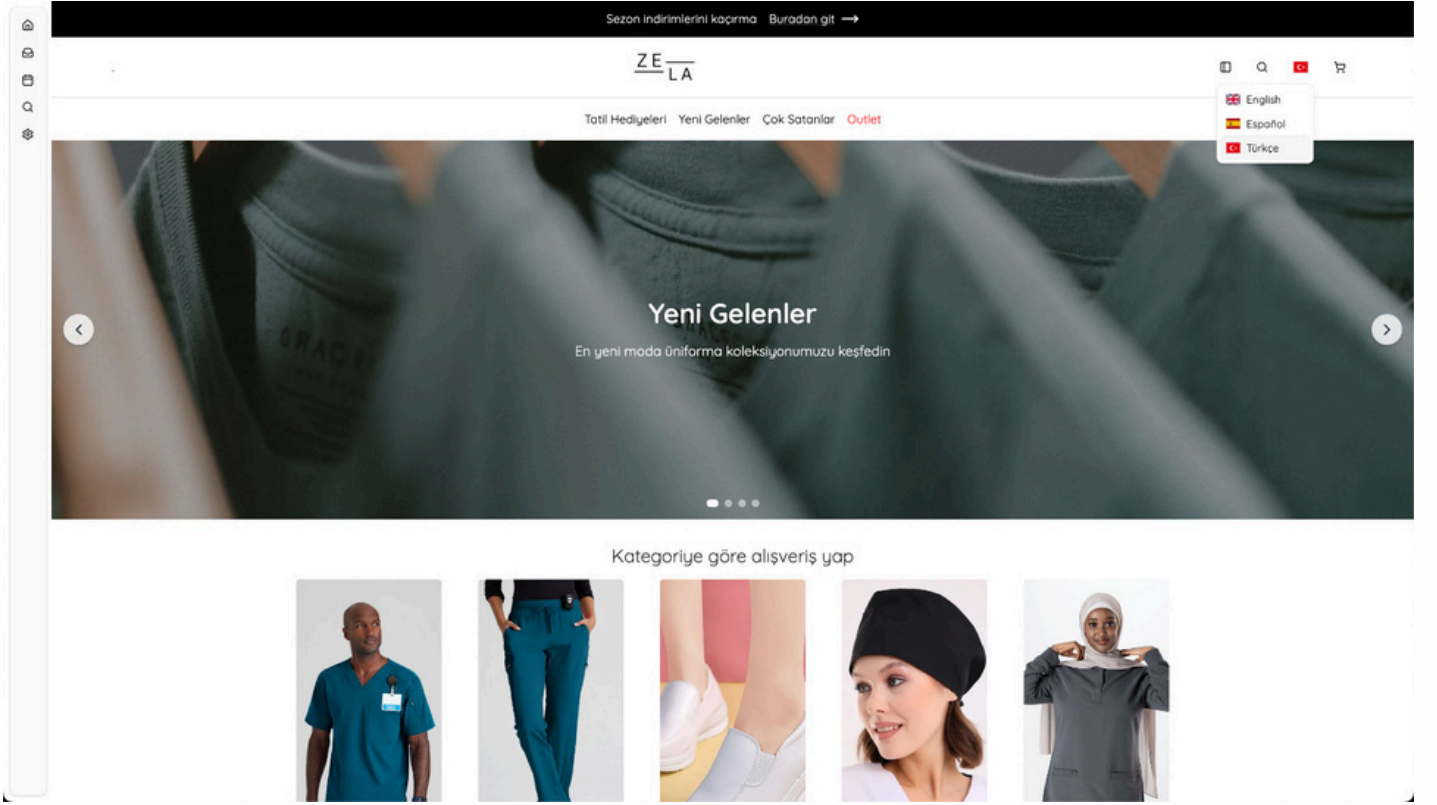
- Full stack web application for buying & selling real estates.
- Use AI models to find the optimal choise for their budgets and needs.

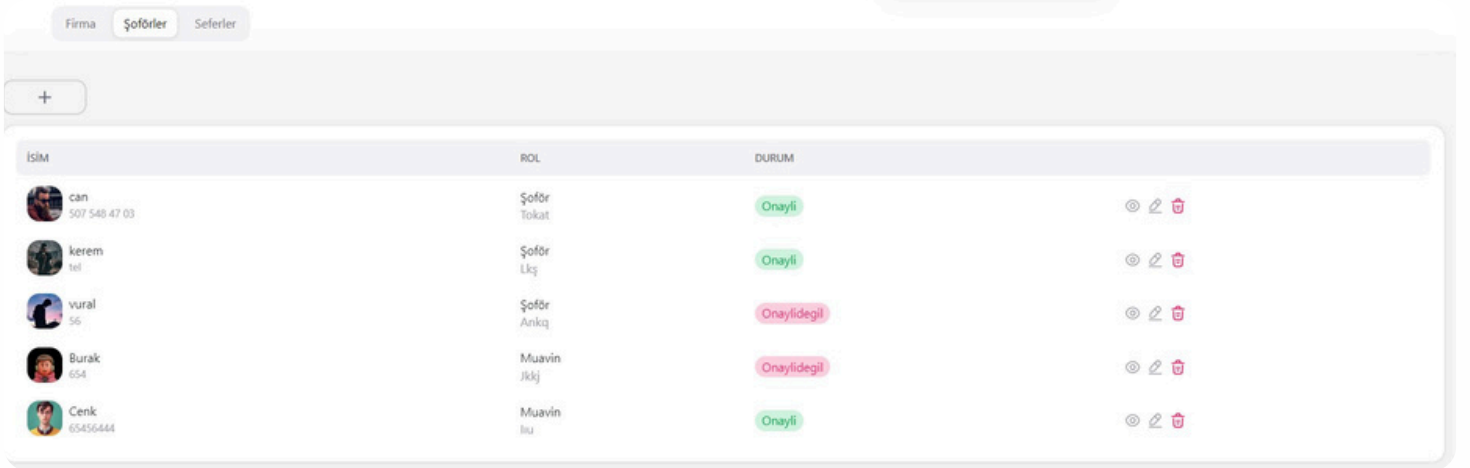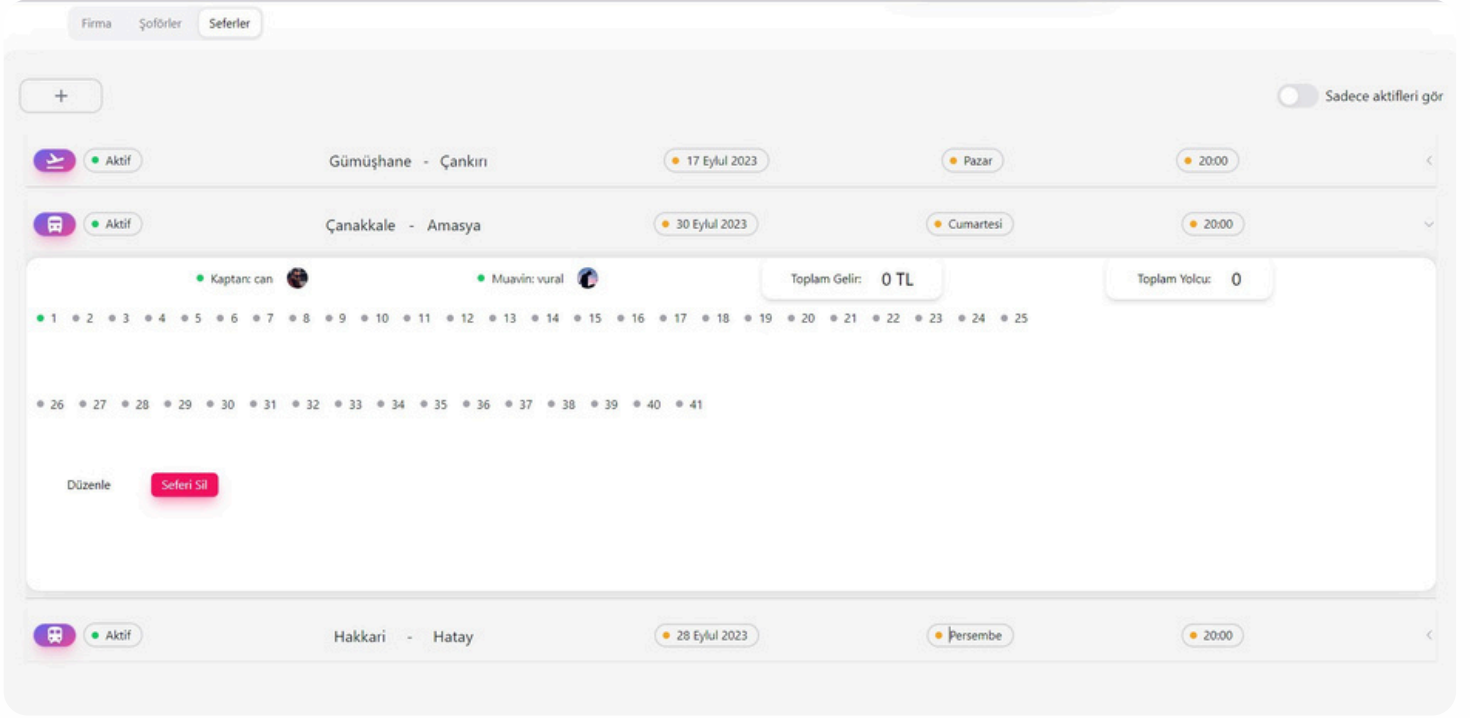# *Zela* Uniform (E-commerce platform):

- An e-commerce web application built with **Next.js**
- Built for sellers of any kind.
- Customizable branding options
- Comprehensive admin panel.
- Implemented payment support.
- Detailed & extendable DB design.

Biletinyo (Ticket buying-selling application):

- Developed a full-featured ticketing platform for buying and selling train, bus, and flight tickets
- Built with a **Vite + React** frontend and a **Java Spring** backend for performance and scalability
- Designed a detailed, scalable database architecture using **MongoDB with Mongoose ORM**
- Implemented customizable branding options for white-label deployment across multiple vendors
- Developed a comprehensive admin panel for transportation firms to **manage routes, schedules, and analytics**
- Integrated secure payment gateway support for **smooth** and **reliable transactions**

| Firma | Şoförler | Seferler |

+ 　　Sadece aktifleri gör

| ✈ Aktif | Gümüşhane - Çankırı | 17 Eylül 2023 | Pazar | 20:00 |
| 🚌 Aktif | Çanakkale - Amasya | 30 Eylül 2023 | Cumartesi | 20:00 |

● Kaptan: can 　　　　　　● Muavin: vural 　　　　Toplam Gelir: 0 TL 　　　　Toplam Yolcu: 0

● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● 10 ● 11 ● 12 ● 13 ● 14 ● 15 ● 16 ● 17 ● 18 ● 19 ● 20 ● 21 ● 22 ● 23 ● 24 ● 25

● 26 ● 27 ● 28 ● 29 ● 30 ● 31 ● 32 ● 33 ● 34 ● 35 ● 36 ● 37 ● 38 ● 39 ● 40 ● 41

Düzenle 　　Seferi Sil

| 🚌 Aktif | Hakkari - Hatay | 28 Eylül 2023 | Persembe | 20:00 |

| Firma | Şoförler | Seferler |

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can 507 548 47 03	Şoför Tokat	Onaylı	👁	✎	🗑
kerem tel	Şoför Lkş	Onaylı	👁	✎	🗑
vural 56	Şoför Ankq	Onaylidegil	👁	✎	🗑
Burak 654	Muavin Jkkj	Onaylidegil	👁	✎	🗑
Cenk 65456444	Muavin lsu	Onaylı	👁	✎	🗑

+ 　　Sadece aktifleri gör

✈ Aktif	Gümüşhane - Çankırı	17 Eylül 2023	Pazar	20:00
🚌 Aktif	Çanakkale - Amasya	30 Eylül 2023	Cumartesi	20:00
🚌 Aktif	Hakkari - Hatay	28 Eylül 2023	Persembe	20:00

dots collab:

- A social media platform for swe's.
- Infinite sharing & optimistic updates
- Responsive views.
- Next.js, Prisma, React Query, PostgreSQL, Tailwind, Ky
- Lucia Authentication, Typescript

Sign Up

collab with dots.

Username

Username.

Email

Email.

Password

Password.

Create Account.

Already have an account? Log in

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dots collab.

Search...

home.

notifications.

messages.

bookmarks.

What's your honest opinion?

Post

PaveLc0ODdeezaaa @PaveLc0ODdeezaaa
• 26 seconds ago
#saveThePlanet

Whaddapap4 @Whaddapap4 • 4 minutes ago

how to hack into a nextjs app? is it impossible or what?

can @can • 5 minutes ago

React is addictive but I gotta use .NET ASAP

Sem1co1 @Sem1co1 • 6 minutes ago

It's a crazy world we're living in.

Who to follow

owdx @owdx — follow.

can @can — follow.

can2 @can2 — follow.

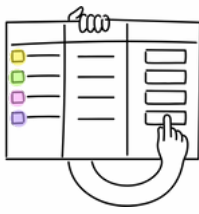**Pants&Columns** @Pants&Columns — follow.

Sem1co1 @Sem1co1 — follow.

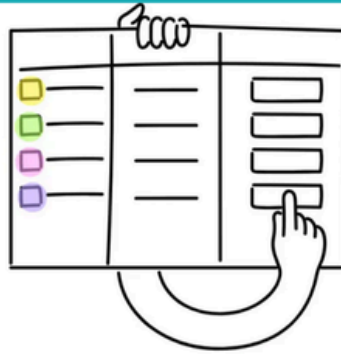**Trending Topics**

#r341
1 post

Task Assigner (Youtube education serie):

- Created a YouTube educational series teaching how to build **modern full-stack web applications** with **Next.js**
- Built a task management app from scratch using **Next.js, TypeScript** and **React Query** for efficient data fetching
- Styled UI with **ShadCN and Tailwind CSS** for a clean, responsive design
- Implemented authentication using Lucia for secure and scalable user sessions
- Utilized **PostgreSQL with Prisma ORM** for type-safe, efficient database operations
- Integrated **ky** for lightweight HTTP requests and clean API communication patterns