ENGINEERING PORTFOLIO

Aliakbar Asghari

Senior software engineer across commercial web, mobile, and POS, plus a local AI prototype.

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SELECTED WORK

- ShoppBusiness
- Barook credit
- HiWEB
- Togething
- Luna Bedroom
- Bagha

Selected work

Six products across fintech, telecom, consumer, and commerce.

01

ShoppBusiness

Retail POS on dedicated terminals

Barook · 2025 – Present

02

Barook credit

Cash credit line for sellers

Barook · 2025 – Present

03

HiWEB

Telecom apps and a banking product

Oct 2020 – Nov 2023

04

Togething

Habits, messaging, and AI coaching

Netherlands · Dec 2023 – Oct 2024

05

Luna Bedroom

Storefront and admin import

Independent

06

Bagha

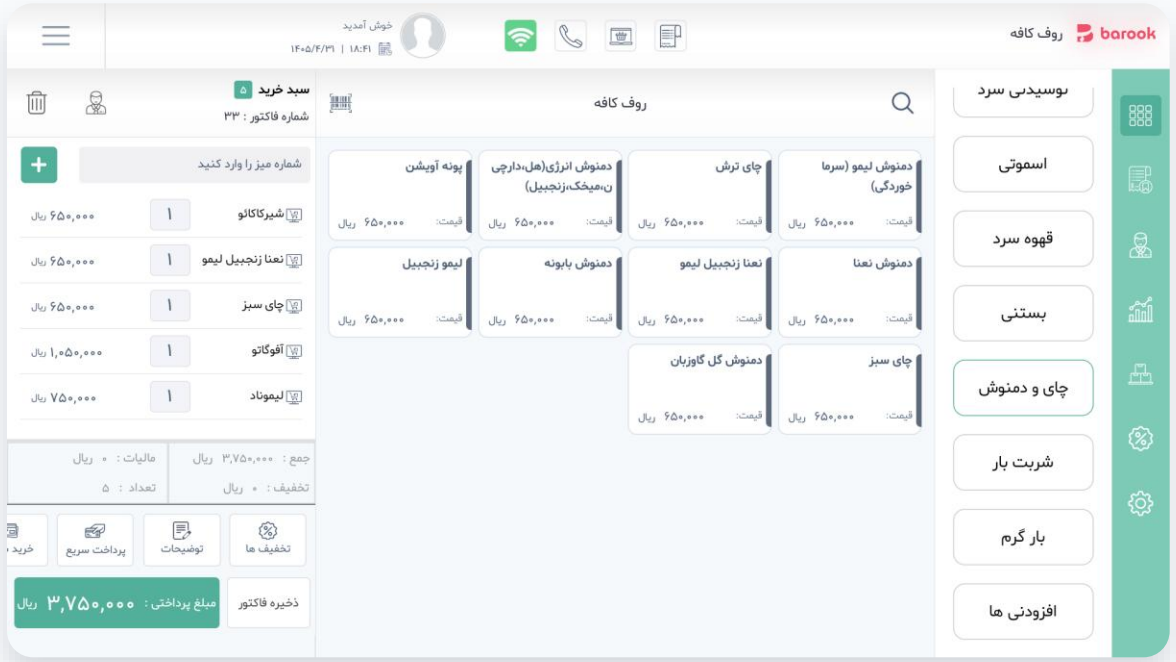
Learning platform and AI prototype

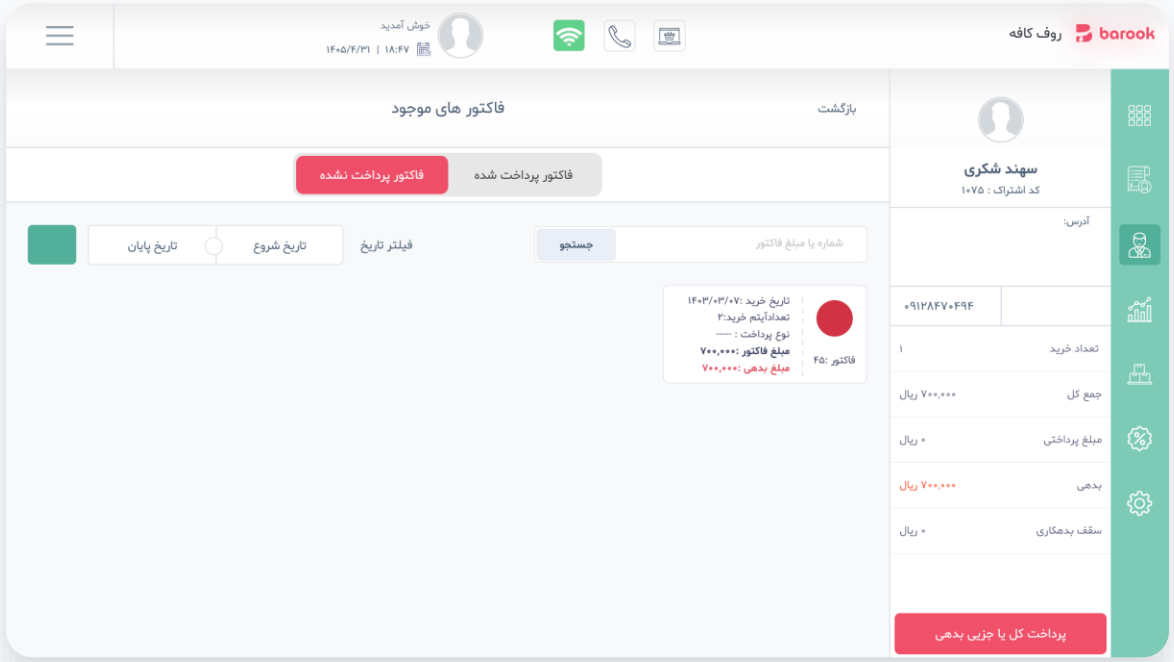
Independent

Barook · Aug 2025 – Present

ShoppBusiness

Production POS client for the seller workflow, built for dedicated terminal hardware.





In-store orders and invoices

Native bridges for scanner, card, and printer

E800, P10, P18, and Gemini terminals

Barook · Aug 2025 – Present

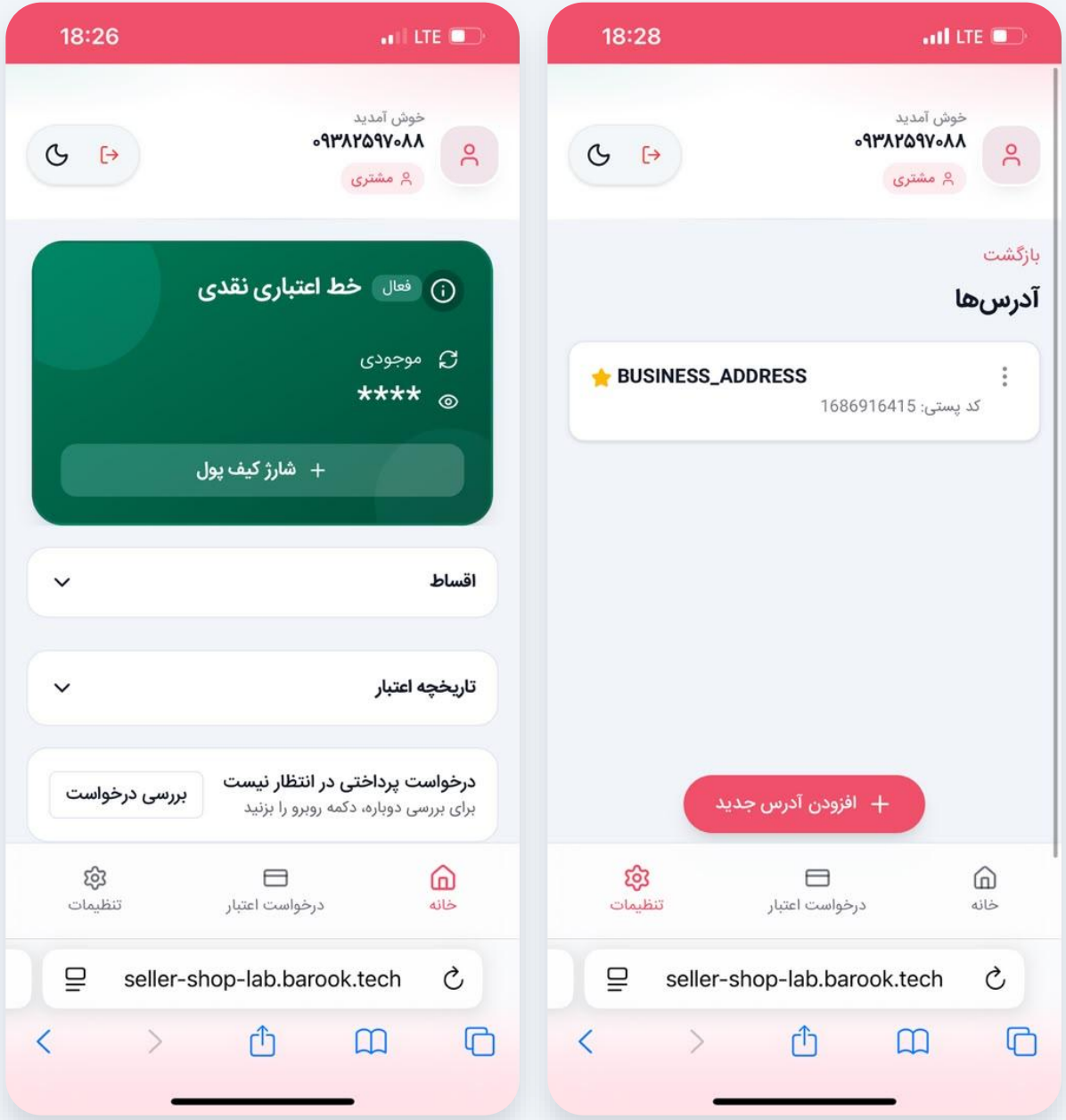
Barook credit line

Seller cash-credit interface delivered during the Barook role.

- Cash credit line in the seller workflow
- Seller back-office platform

React · React Native · TypeScript

Also in this role: RoozNo and BarookMarket.



HiWEB · Oct 2020 – Nov 2023

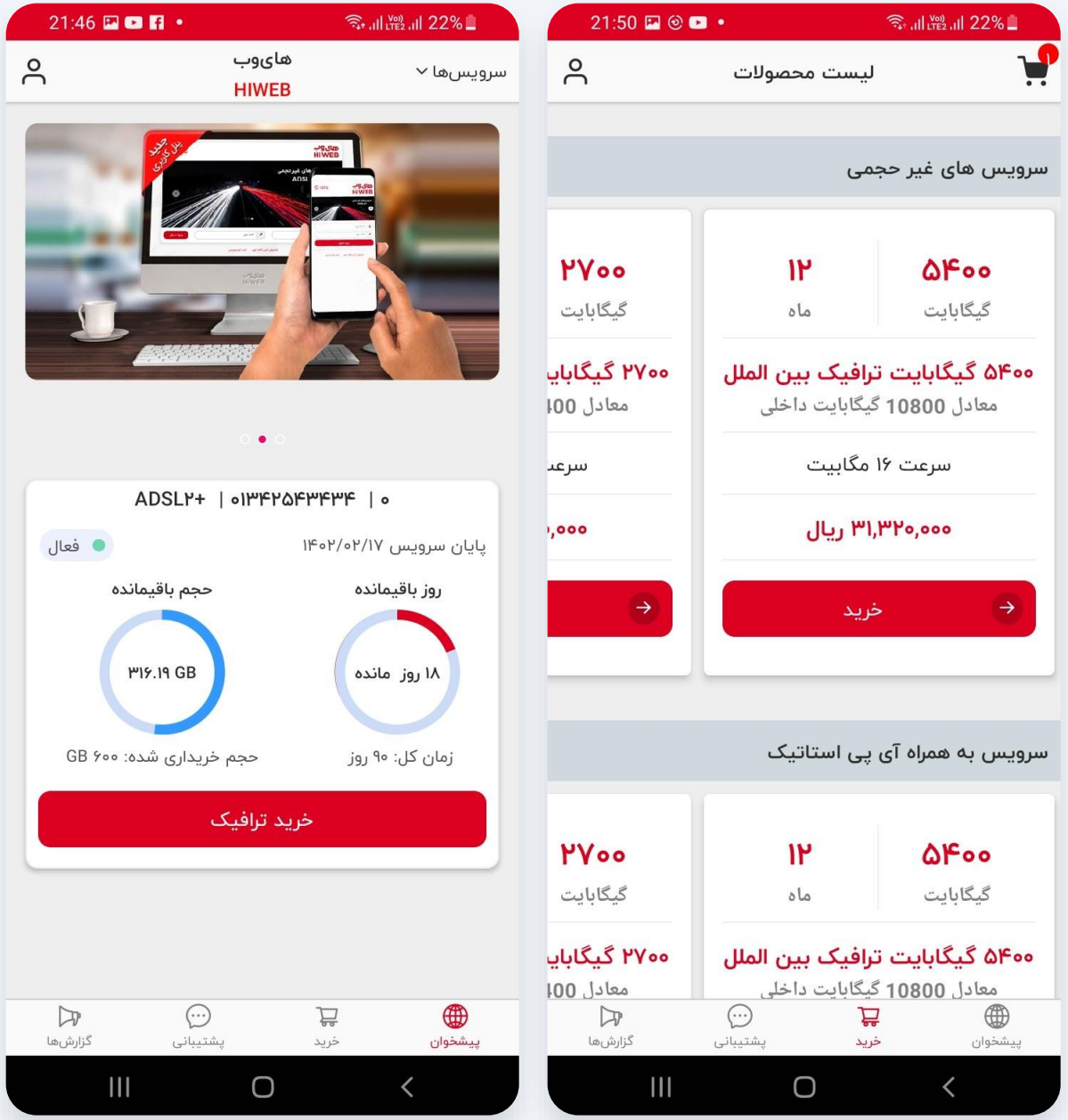
HiWEB, ParsOnline, and Farda Bank

Official Android and iOS applications, plus React and Next.js web screens.

- Support chat, tickets, and document upload
- Native widget for remaining traffic
- Led four people on the Farda banking product

React Native · React · Next.js

Store distribution reports for HiWEB and ParsOnline showed 500K+ downloads.



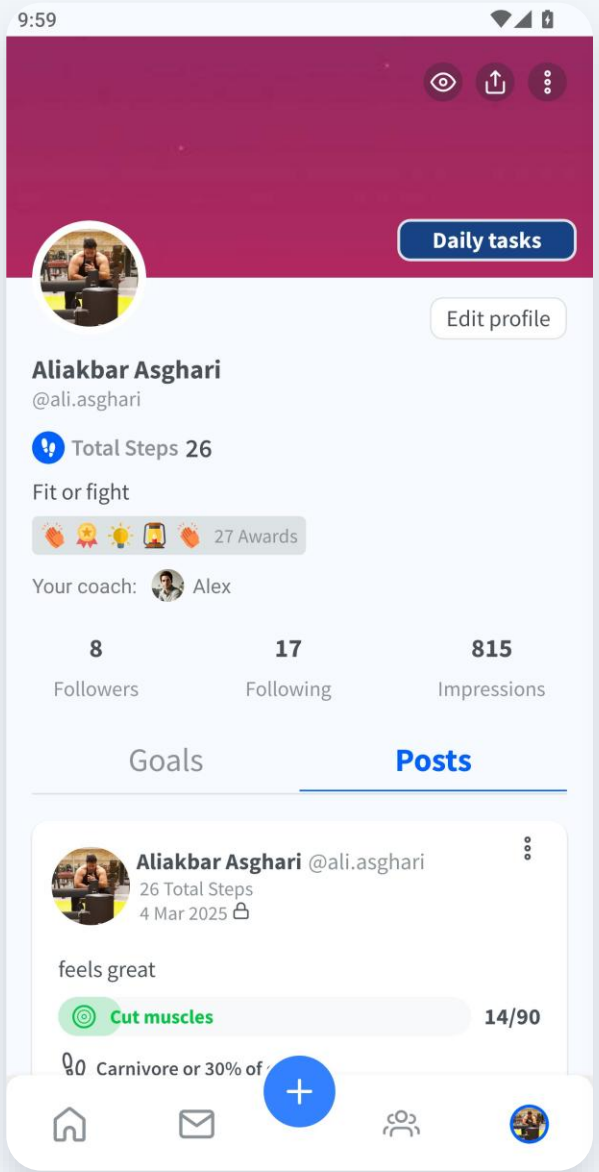
Togething, the Netherlands · Dec 2023 – Oct 2024

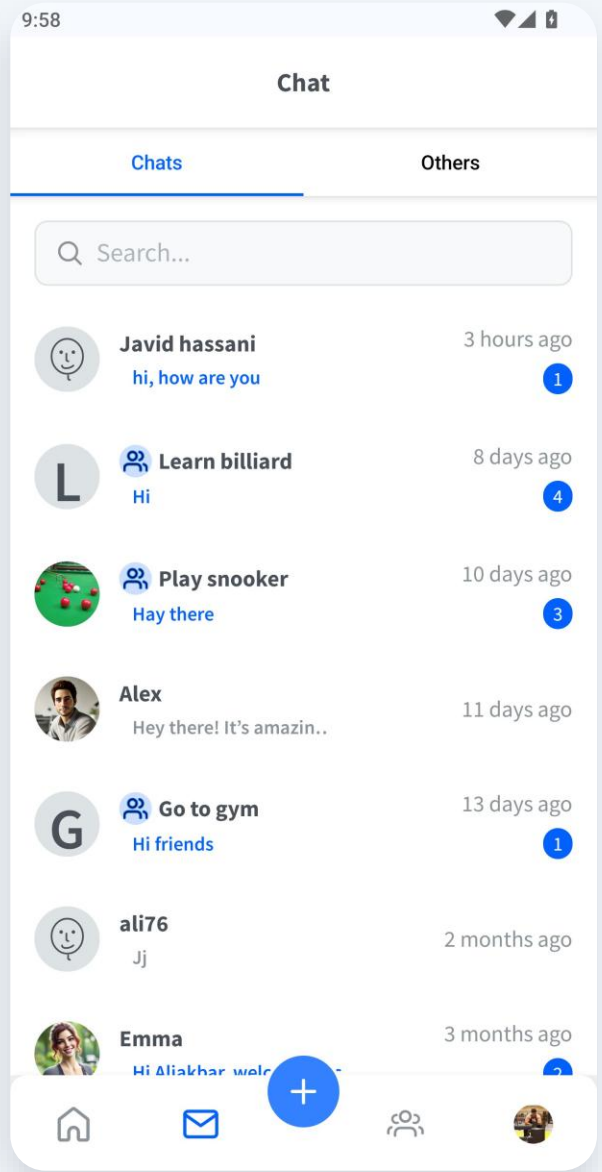
Togething

Android and iOS client for a Netherlands company: habits, community, and messaging in the same product.

- Habit feed and socket-based messaging
- Notifications, maps, and in-app purchase
- AI chat with human and AI coaching

React Native TypeScript





Product screenshot. The post date of 4 Mar 2025 is after this employment ended.

Independent · lunabedroom.com

Luna Bedroom

End-to-end store. Administrators import product URLs, then edit them before publish.

- Public storefront in React and Next.js
- Admin edits for title, price, image, and copy
- Node.js API with PostgreSQL

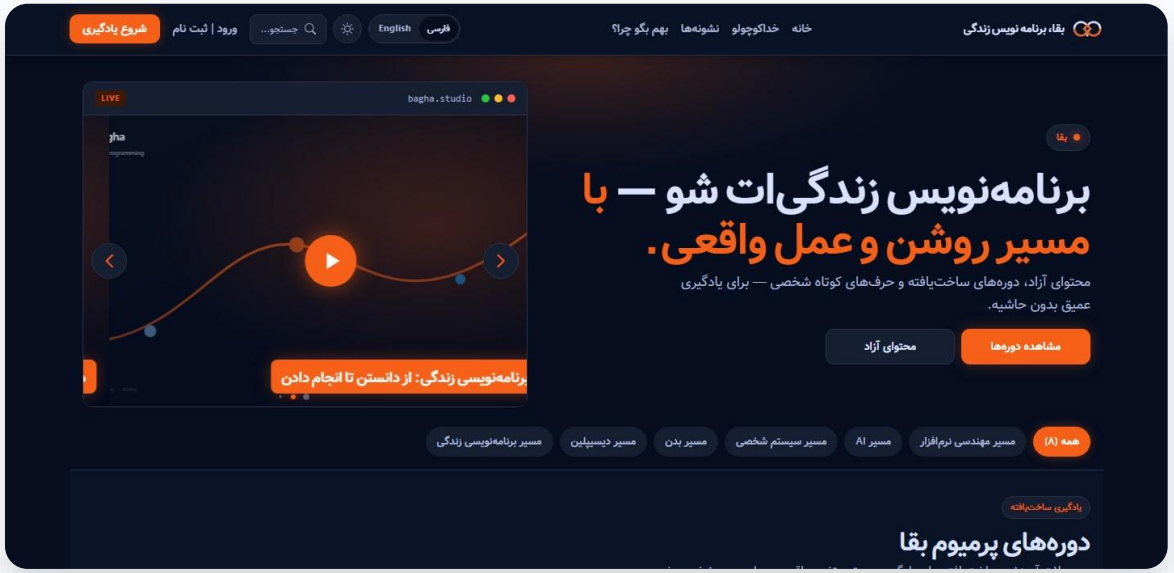
React · Next.js · Node.js · TypeScript · PostgreSQL



Independent

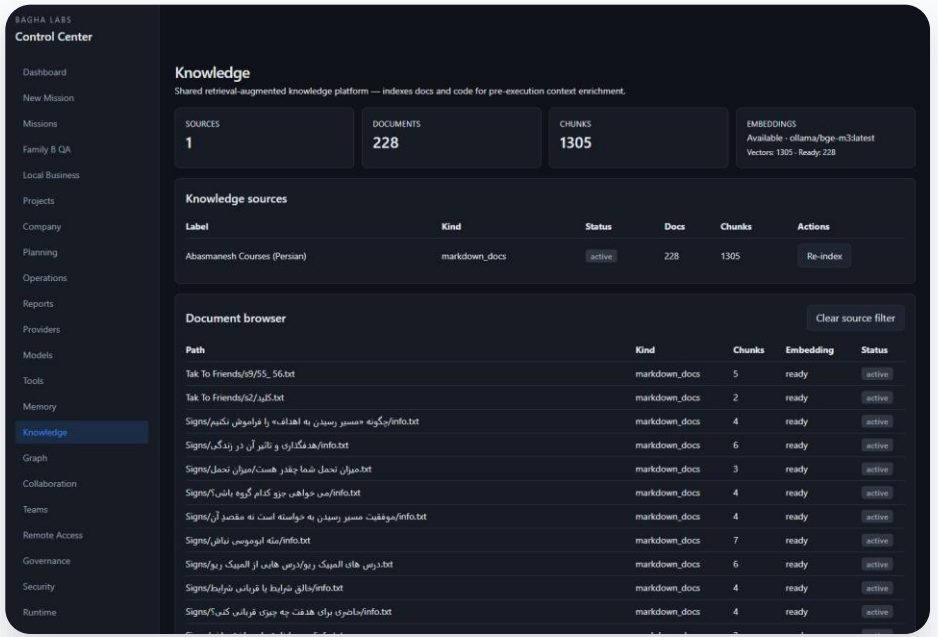
Bagha

A public learning platform, and a separate local AI prototype.



bagha.app

Next.js PWA, React admin, Express, and MongoDB.



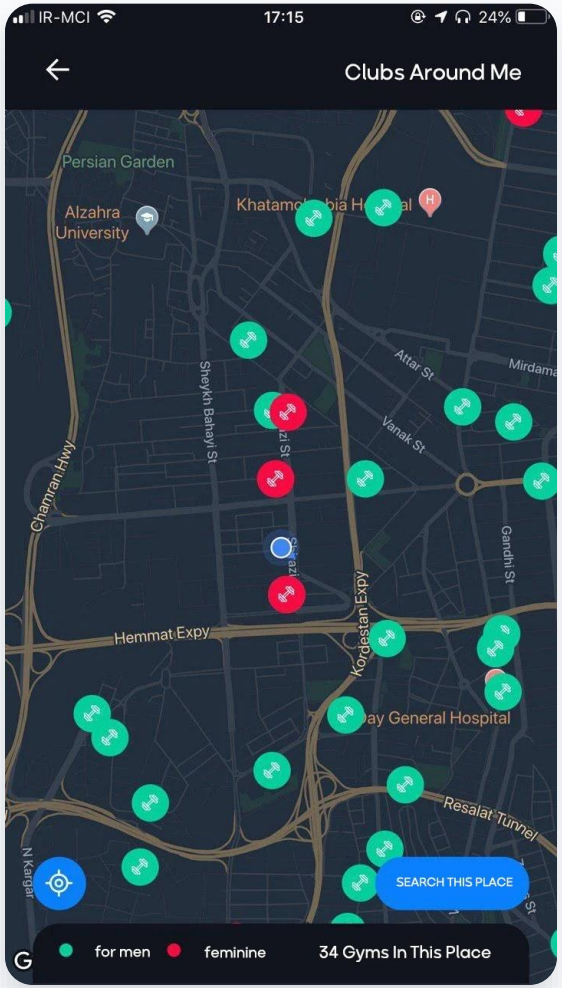
Bagha Labs

Control Center, policy-based model routing, and a written artifact before a mission is done.

Local prototype on a developer machine. Not a production service, and not bagha.app.

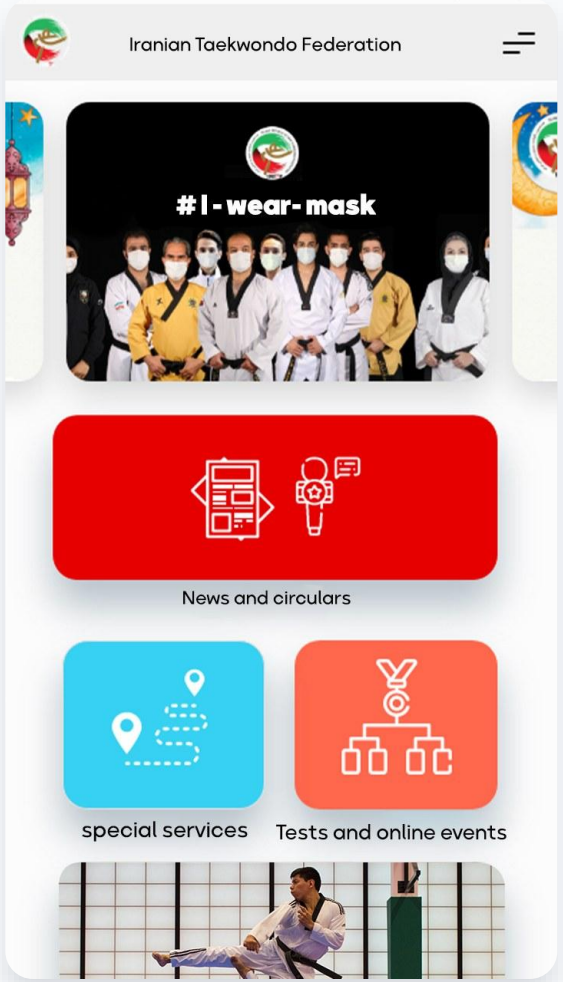
Earlier products

Selfit Team, Dec 2018 – Oct 2020, and other mobile work.



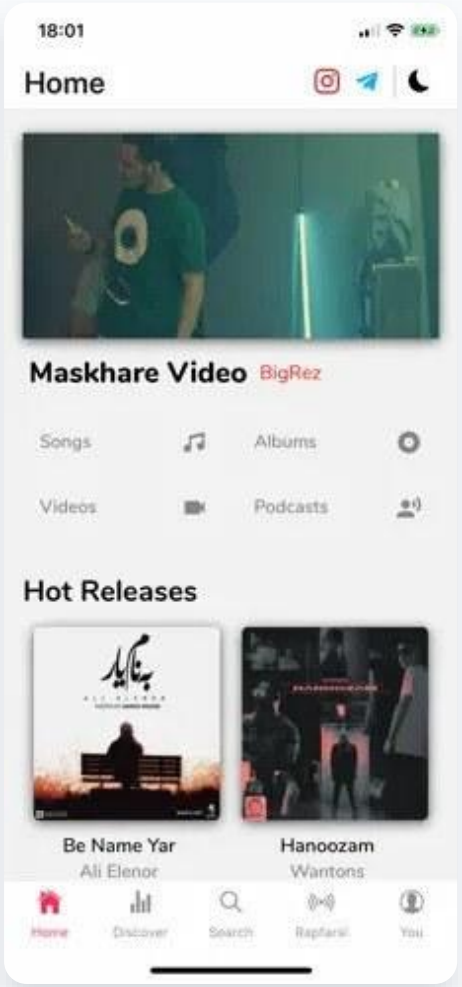
Selfit

React Native



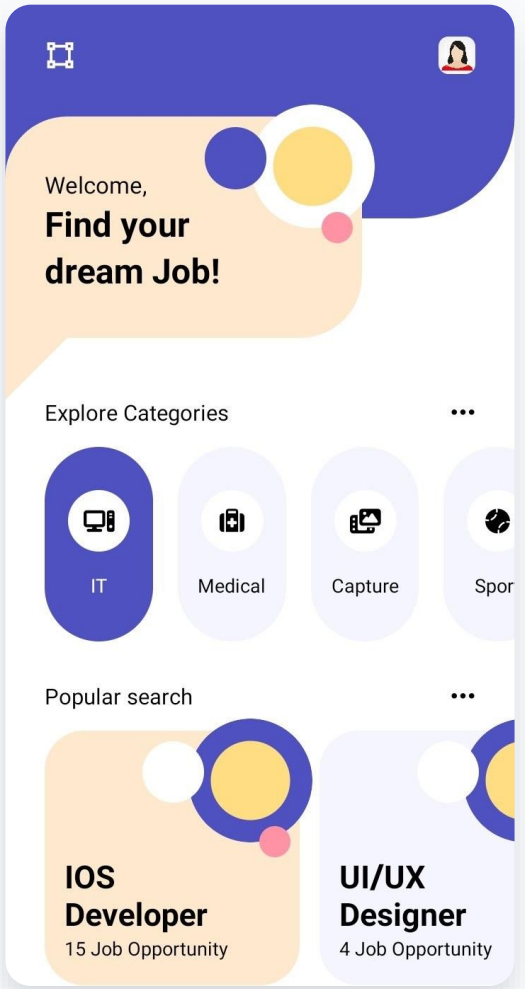
Taekwondo

Android and iOS



Rap music

Mobile

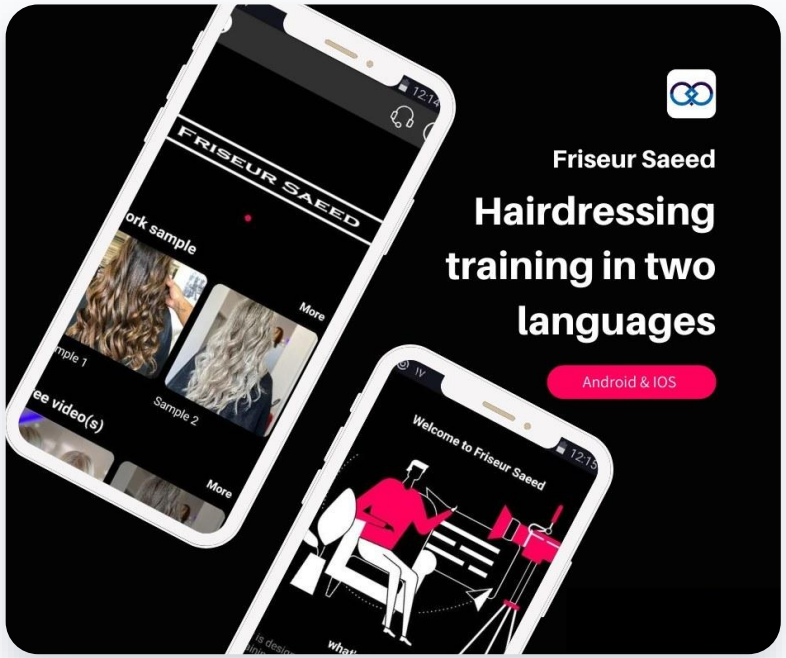


Job search

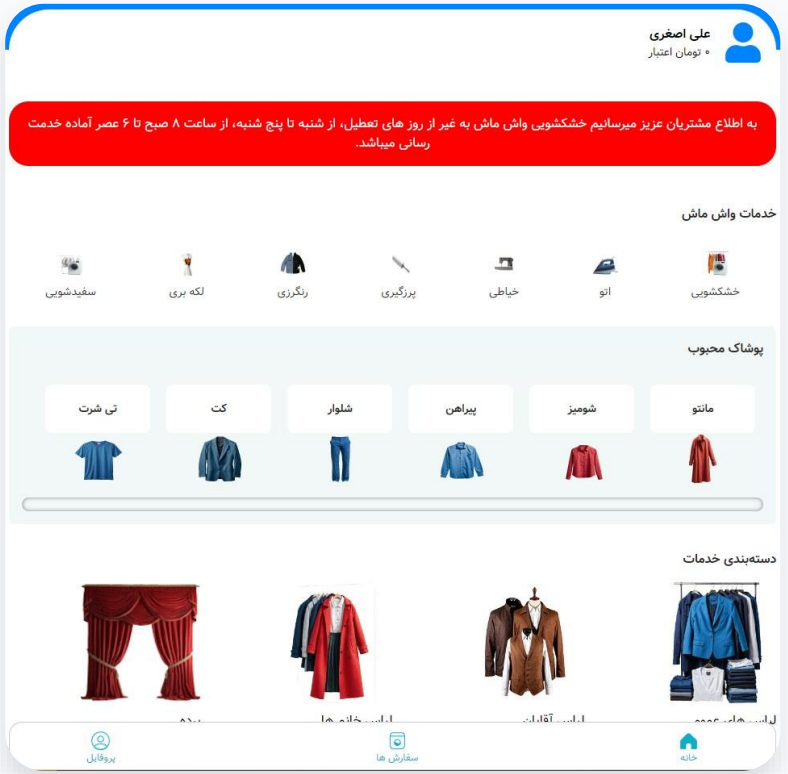
Mobile

Earlier products

Training, meetings, and commerce.







Hairdressing
Android and iOS

Online meeting
PWA

WashMash
Web and mobile

Stack

Tools used on the products in this deck.

MOBILE

- React Native
- TypeScript
- Android and iOS
- Native SDK bridges
- Expo

WEB

- React
- Next.js
- TypeScript
- Progressive web apps
- Admin interfaces

BACKEND

- Node.js and Express
- PostgreSQL
- MongoDB
- Python and FastAPI

DELIVERY

- POS hardware bridges
- Store releases
- Electron packaging
- Led a team of four

CONTACT

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