

Bora KOCABIYIK

Full-Stack Developer | BSc in Computer Engineering

Ankara, Turkey

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Full-stack developer and Computer Engineering graduate with production experience across Flutter, React, TypeScript, Flask, and .NET. Currently building health and fitness assessment software at WellBodyTech, including internal configuration platforms, backend-integrated UI workflows, and measurement-data pipelines. Also shipped an iOS app to the App Store and built real-time systems with SignalR, LiveKit, Redis, and Docker.

TECHNICAL HIGHLIGHTS

- Production experience across Flutter, React, TypeScript, Flask, and .NET
- Internal configuration platform managing 700+ test definitions, references, and formulas
- Real-time systems with SignalR, WebSocket, LiveKit, and Redis
- Full-stack delivery with Docker, GitHub Actions CI/CD, Playwright E2E, and k6 load testing

PROFESSIONAL EXPERIENCE

WELLBODYTECH

Full-Stack Developer

(Office) Ankara, Turkey

July 2025 – Present

- Develop and maintain WellBodyTech's Flutter-based health and fitness assessment product, supporting its transition from an Ubuntu desktop application to a tablet-focused experience.
- Work across frontend and backend layers to build reusable UI flows, components, and backend-integrated workflows.
- Designed and built an internal configuration platform that enables internal teams to manage test logic, protocols, references, and formulas outside the mobile/desktop application code.
- Reduced dependency on app-side releases so internal teams can update test logic and configuration directly; now extending this into a client-facing data platform for external customers.
- Integrate measurement data from in-house hardware and third-party devices into assessment and reporting workflows.

TURKCELL

Intern

(Hybrid) Istanbul, Turkey

July 2024 – August 2024

- Delivered a responsive full-stack web application with React, TypeScript, .NET, and MSSQL, refining code structure, component design, and backend integration through ongoing mentor feedback.

3T BILISIM TEKNOLOJILERI

Software Application Support

(Office) Istanbul, Turkey

July 2023 – September 2023

- Resolved 500+ remote support requests for hotel-management software and created an internal issue-tracking system to categorize and speed up recurring problem resolution.

TECHNICAL SKILLS

- **Frontend:** React, TypeScript, JavaScript, Tailwind CSS, Redux Toolkit
- **Backend:** Python, Flask, .NET, ASP.NET Core, EF Core, REST APIs, JWT, Supabase
- **Mobile/Desktop:** Flutter, React Native, Expo
- **Databases & Storage:** PostgreSQL, SQL Server (MSSQL), MongoDB, Redis, MinIO
- **Realtime & Integrations:** SignalR, WebSocket, LiveKit, BLE integration
- **DevOps & Testing:** Git, Docker, GitHub Actions, CI/CD, Playwright, k6

PROJECTS

SplitSnap / *iOS Shared Expense Tracking App*

- Released on the App Store: an iOS shared-expense app built with Expo, React Native, TypeScript, Expo Router, and Tamagui for group expenses, flexible splitting, and real-time balances.
- Designed a debt-settlement algorithm that minimizes the number of transactions needed to settle up across a group.
- Integrated AI-powered receipt scanning (OpenAI via Supabase Edge Functions) to auto-extract amount, date, and merchant and streamline expense entry.
- Backed by Supabase (Postgres, auth, storage, edge functions), with Zustand and MMKV for responsive state management and local persistence.

Chord / *Discord-Inspired Real-Time Communication Platform*

- Architected a full-stack real-time communication platform with guilds, channels, direct messaging, role-based permissions, and voice/video.
- Engineered the backend with .NET 9, EF Core, SignalR, SQL Server, Redis, and JWT-based authentication.
- Implemented the frontend with React, TypeScript, Redux Toolkit, and Tailwind CSS, with real-time UI updates.
- Integrated LiveKit, MinIO, Docker deployment, CI/CD, Playwright E2E, and validated selected workflows with k6 load testing scenarios up to 1,000 concurrent virtual users.
- Live demo: chord.borak.dev

Configuration Portal / *Internal Admin System*

- Flask-based internal admin system for managing configurable assessment logic, reference tables, formula definitions, protocol settings, and reporting workflows.
- Moved hardcoded Dart logic into a backend-managed, version-controlled, editable configuration system consumed by the app, separating product configuration from application releases.

Additional projects are available on GitHub.

EDUCATION

ANKARA UNIVERSITY – BSc in Computer Engineering

GPA: 3.58/4.00

Ankara, Turkey

September 2021 – July 2026

LANGUAGES

- English (Advanced)
- Turkish (Native)
- German (Beginner)