

Atilla TÜRKER

Software Engineer | AI/ML & Mobile Systems

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Curious, team-oriented engineer focused on AI and scalable mobile software.

EDUCATION

Kocaeli University

M.Sc. in Information Systems Engineering

Kocaeli

Sep 2026 — Present

Kocaeli University

B.Sc. in Computer Science, 3.15 GPA — Transferred from Konya Technical University (3.40 GPA)

Kocaeli

Sep 2021 — July 2025

EXPERIENCE

Software Engineering Intern

AKATECH

Aug 2025 – Sep 2025

Kocaeli, Turkey

- Contributed to **Sharzium**, developing a standalone **AI microservice** in **Python** and containerizing it with **Docker** for consistent deployment.
- Optimized backend performance in collaboration with supervisors, reducing response times for critical services.

Software Engineering Intern

Kocaeli Metropolitan Municipality

Jun 2025 – Aug 2025

Kocaeli, Turkey

- Designed and developed **Event-Go**, a full-stack event discovery app using **React Native**, **TypeScript**, and a **Node.js** backend with **MongoDB** and **Prisma ORM**.
- Implemented interactive maps, attendance tracking, and organizer approval workflows.

PROJECTS

Slipbird | *React Native, Expo, TypeScript, Supabase (Deno), OCR/LLM, SQLite, Zustand*

Sep 2026

- Built an offline-first receipt scanner that extracts line items via **OCR** and **LLM parsing**, keeping images on-device for privacy (no accounts, no server storage of raw data).
- Designed a **Supabase Edge Functions (Deno)** backend with **anonymous auth**, quota guards, and an **LLM provider fallback chain** (Groq → Gemini) for resilient parsing.
- Shipped with **SQLite** persistence, **Zustand** state, **i18n** (EN/TR), **EAS Build**, **RevenueCat**, and CI checks via **Jest/ESLint/TypeScript**.

Duebird | *React Native, Expo Router, TypeScript, SQLite, Zustand, react-native-svg, RevenueCat*

Aug 2026

- Developed a local-first subscription tracker that computes monthly/yearly spend across currencies and fires **local notifications** with deep links before each renewal — no accounts or bank linking.
- Implemented fully unit-tested billing logic in **TypeScript** (month-end / leap-year / custom cycles), cached exchange-rate conversion, **react-native-svg** charts, and CSV export.

Lightweight | *React Native, Expo, TypeScript, Firebase*

Nov 2025 – Dec 2025

- Built a performance-focused workout tracker with **TypeScript**, **Redux Toolkit**, React Hook Form, and **Zod** validation.

SafePass | *React Native, Expo, SQLite, Kotlin, Swift, Jotai*

Jan 2024 — Feb 2025

- Engineered a secure password manager with custom **Native Modules** (Android/iOS) for high-performance encryption.
- Architected local encrypted storage with Expo SQLite, background clipboard security tasks, and **Jotai** state management.

Online Wordle | *React Native, Firebase, Jotai, Expo*

Nov 2024 – Dec 2024

- Real-time multiplayer game with instant state sync via **Firebase Realtime Database**, lobby systems, and **Jotai** global state.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL (PostgreSQL), Java, C/C++.

Mobile: React Native, Expo, Expo Router, Native Modules, Zustand, Redux Toolkit, Jotai, i18n (EN/TR).

Backend/AI: Supabase (Deno), Node.js, Prisma, Firebase, MongoDB, SQLite, OCR, LLM Fallback, Docker, EAS Build.

Tools: Jest, ESLint, Git, RevenueCat, PyTorch, TensorFlow, LangChain, Hugging Face.