

Kerem Yiğit Elbasan

CROSS-PLATFORM MOBILE &
FULL-STACK DEVELOPER

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Niğde, Turkey

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Third-year Computer Engineering student who ships and maintains production software: a cross-platform prayer and lifestyle app released on Google Play in 11 languages, and a full-stack gamified productivity platform on Firebase. Looking for a software engineering internship in mobile or full-stack development.

EDUCATION

B.Sc. Computer Engineering — Niğde Ömer Halisdemir University

Expected Sept 2028

GPA **3.31 / 4.00** · Entering third year

Coursework: Data Structures, Object-Oriented Programming, Algorithms, Discrete Mathematics, Linear Algebra, Probability & Statistics.

SELECTED PROJECTS

Taqwa — Cross-Platform Prayer & Lifestyle App ·

2026 – Present · [Google Play](#)

Independent Developer

React · TypeScript · Capacitor · Firebase · Android (Java) · PWA

- Sole developer of a **59K-line** cross-platform product released on Google Play, spanning Android, PWA, **11 languages**, RTL layouts, offline language packs and Firebase-backed sync.
- Engineered a fault-tolerant notification system that calculates prayer times 14 days ahead, deduplicates schedules, verifies the OS queue, respects iOS notification quotas and handles revoked Android exact-alarm access.
- Extended Capacitor with Java-based native Android bridges for home-screen widgets and live prayer-window notifications — functionality not available through the web layer alone.
- Built a release-quality engineering pipeline: **603 automated checks**, Firebase emulator security-rule tests, Playwright E2E/visual tests, Android builds and a 270 KB gzipped startup-performance gate.

Meritee — Gamified Productivity Platform ·

2025 – Present · [meritee-app.web.app](#)

Independent Developer

React · TypeScript · Firebase Cloud Functions v2 · Firestore · FCM · i18next

- Launched an offline-first productivity web app: instant local hydration with debounced Firestore sync, so users keep working without a connection and never lose state when switching accounts.
- Shipped serverless features on Cloud Functions v2 — scheduled personalised push notifications with dead-token cleanup, and real-time friend requests via Firestore triggers.
- Designed the reward economy and social layer (XP limits, streak items, leaderboards, collision-safe friend codes) behind field-level Firestore security rules, plus client-side PDF progress reports.

SKILLS

Programming TypeScript, JavaScript, Java, Python, C++, SQL

Frontend React 18, Zustand, Tailwind CSS, Vite, Framer Motion, i18n & RTL, PWA

Mobile Capacitor, native plugin bridging, local notifications, Play Console

Backend Firebase Auth, Firestore & security rules, Cloud Functions v2, FCM

Practices Vitest, golden & regression tests, bundle-budget CI gates, Git / GitHub

PRODUCT & COMMUNITY

YouTube — [@TaqwaPrayer](#)

1,148 subscribers

Create product content for the app's own channel, supporting organic discovery and user feedback.

LANGUAGES

Turkish (native) · English (C1, advanced) · French (A2, working toward B1)