

Mehmet Taha Koç

Full-Stack Developer | Mobile Developer | Backend Engineering

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PROFESSIONAL SUMMARY

Full-stack and mobile developer with 4 years of production experience creating complete products alone: .NET and Go backends, React/Next.js web apps, and React Native apps. Designed, launched and operated three commercial platforms end to end (AI visual generation, music streaming, consent management), shipped 13 mobile apps to the App Store, and worked on enterprise fleet systems streaming telemetry from a 10,000+ vehicle IoT network.

WORK EXPERIENCE

Full-Stack & Mobile Developer | Group Taiga | *Istanbul – Türkiye | Feb 2023 – Present*

- Architected the Lunaar visual-AI platform backend on .NET 9 (Clean Architecture across 19 projects): 10 asynchronous AI services running over a RabbitMQ pipeline with transactional-outbox delivery and idempotent credit refunds, deployed as separate worker processes on Kubernetes.
- Productized the same AI engine as a public developer API with API-key metering, usage-based billing and 13 MCP tools, plus a self-serve Next.js developer console with 3-D Secure payments (platform.lunaarvision.com).
- Consolidated the entire Lunaar mobile suite onto one multi-tenant Go backend, re-implementing the .NET AI services with unit-tested prompt parity and row-locked credit integrity under concurrency.
- Designed and shipped CleanPlays (cleanplays.com) alone: a Go/Fiber streaming backend (FFmpeg 128/256 kbps adaptive HLS, Elasticsearch with Turkish-language analysis), a Spotify-style Next.js web app with recurring 3-D Secure billing, and the iOS app – including a custom native patch that fixed an HLS auto-start failure third-party libraries left unhandled.
- Engineered Evaste (evaste.co), a KVKK/GDPR consent management platform: a tracker-blocking JavaScript SDK covering ~90 tracking hostnames, a React admin dashboard, and .NET microservices with Google Consent Mode v2 and an automated Playwright cookie scanner.
- Developed enterprise fleet-management systems (CloudWheels/FAMAS, Spectra) processing real-time IoT data from 10,000+ vehicles at sub-200ms API response times, with 7+ third-party integrations (AWS Textract, Google Maps, PTT HGS, OneSignal).
- Operated four production CMS platforms (DRD, BigaHome, Zeyrek, Advak) on Kubernetes with zero-downtime rolling deployments via GitLab CI/CD; improved DRD API response times by ~30% through data-access restructuring.

Software Developer Intern | Group Taiga | *Istanbul – Türkiye | May 2022 – Feb 2023*

- Implemented production features across the agency's active client projects from day one, working in the same .NET and React codebases and release process as the core team rather than on isolated intern tasks.
- Earned the full-time developer role after nine months by taking ownership of production work end to end.

EDUCATION

Associate Degree – Computer Programming | Kastamonu University | *Türkiye | Graduated 2023*

CERTIFICATIONS

C# Camp – BTK Akademi • **SQL (Advanced)** – HackerRank • **C#** – HackerRank

TECHNICAL SKILLS

- **Languages:** C#, Go, TypeScript, JavaScript, SQL, Python
- **Backend:** .NET 9/10, ASP.NET Core, Entity Framework Core, Clean Architecture, Microservices, RabbitMQ, Hangfire, SignalR, REST, OpenAPI, JWT/OAuth
- **Web:** React 19, Next.js 16, Tailwind CSS, Zustand, TanStack Query, HLS.js
- **Mobile:** React Native, Expo, Expo Router, RevenueCat, EAS Build, OneSignal, App Store release management
- **Data:** PostgreSQL, SQL Server, MongoDB, Redis, Elasticsearch
- **Cloud & DevOps:** Docker, Kubernetes, AWS (S3, Textract, Aurora), GitLab CI/CD, Supabase, Grafana Loki, Traefik
- **Payments & Integrations:** iyzico, PayTR, RevenueCat, Meta Conversions API, ElevenLabs, Google Consent Mode v2

KEY PROJECTS

Lunaar – AI Visual Generation Suite | *.NET 9/10, Go, RabbitMQ, React, React Native* | lunaarvision.com

- Turned one platform into eight distinct deliverables, alone: the production .NET 9 backend (10 AI services, Clean Architecture across 19 projects), a monetized public API (key-based metering, 13 MCP tools), a Stripe-style developer console (platform.lunaarvision.com), the consumer web studio with 9 AI creation flows, a 3D/AR model viewer with native iOS/Android AR, a multi-tenant Go backend serving the whole mobile suite, a .NET 10 B2B modular monolith (first client: Lineadecor dealer portal, ai.lineadecor.com), and 8 single-purpose mobile apps.
- Implemented a credit economy with atomic ledgered wallets, automatic refunds on provider failure and iyzico subscriptions, plus a tiered-commission affiliate program with payout exports.

CleanPlays – Music Streaming for Businesses | *Go, PostgreSQL, Elasticsearch, Next.js* | cleanplays.com

- Created a royalty-free music streaming platform for venues as a solo build: adaptive HLS transcoding pipeline resilient to corrupt files and pod restarts, sector-based radios and time-aware recommendations.
- Integrated in-venue TTS announcements (ElevenLabs) injected into playback on venue-defined schedules – the product’s key commercial differentiator – alongside PayTR and RevenueCat recurring billing with idempotent webhooks.

Evaste – Consent Management Platform | *JS SDK, React, .NET Microservices* | evaste.co

- Constructed a three-tier CMP alone: an embeddable widget that keeps trackers dormant until opt-in (createElement override plus dual MutationObservers), a 13-language banner editor and an independent analytics microservice with RabbitMQ ingestion.
- Automated compliance operations with a Playwright-based cookie scanner and weekly re-scans, and guaranteed exactly-once background jobs across scaled workers using Redis distributed locks.

Published Mobile Apps – 13 on the App Store, 3 also on Google Play | *React Native, Expo, RevenueCat, Supabase, AdMob*

- Produced and released 13 consumer apps end to end, managing the full lifecycle: in-app purchases and entitlements, push notifications, localization in up to 8 languages, EAS builds and App Store review.
- AI visual tools: Studio AI, Render AI, Product Shot AI, Food Photo AI, Exterior AI, Inhomea, Fluxera (also on Google Play)
- Streaming, health & utilities: CleanPlays, Songprise (also on Google Play), Hasta Takip (also on Google Play), Quizcards (8 languages), QR Generator, PDF Convert (5 languages)

Group Taiga – Agency Website & Custom Headless CMS | *Next.js 16, React 19, GSAP, Tailwind*
| grouptaiga.com

- Launched the agency's four-locales (TR/EN/ES/FR) flagship site from scratch with a bespoke i18n layer (no third-party i18n library) and a homegrown token-protected headless CMS with cross-locales content sync – zero external CMS dependencies.

Freelance Web Platforms | *Next.js 16, Drizzle ORM, PostgreSQL, Payload CMS* | evamanagement.com.tr, mucars.com.tr, embedcrest.com

- Completed four client platforms end to end as independent engagements: two music-industry sites with custom headless CMSs and three-provider ticketing integration (EVA Management, EVA Records), a car-dealership showroom with marketplace listing sync (MuCars), and a corporate site for an India-based IoT firm (EmbedCrest).