

MONAF HORANY

Full-Stack Engineer

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SUMMARY

Full-stack engineer with six years building complete systems, from schema design through to deployment.

I design and ship APIs, web apps, dashboards, mobile apps, and the infrastructure they run on.

Currently sole engineer on a trilingual, multi-currency commerce platform.

PROFESSIONAL EXPERIENCE

Full-Stack Engineer

Independent / contract | Istanbul, Türkiye | 2024 - Present

- Sole engineer on Megastore, a trilingual multi-currency commerce platform.
- Architected five applications in one Turborepo monorepo: a NestJS API, two Next.js apps, a worker and a media service.
- Shared Zod contracts across all five, so a schema cannot drift between API and form.
- Implemented cryptographically separate customer and admin authentication, with distinct ES256 keypairs and JWKS endpoints.
- Built cross-currency price filtering as a SQL CTE joining the exchange-rate table inside the query.
- Published the cross-platform OUKITEL B2B suite: four Flutter apps and two web surfaces on one role-scoped API.
- Shipped Netlastik to the App Store and Google Play as sole engineer on the client.
- Built RTL-first, right-to-left Arabic beside English and Turkish (EN/AR/TR), across routing, layout and schema.
- Processed media before storage with Sharp, and transcoded video through an FFmpeg HLS ladder.
- Self-hosted the infrastructure on Docker Compose, Traefik and Cloudflare Tunnel over Ubuntu VPS.
- Ran a kubeadm Kubernetes cluster: HAProxy HA control plane, Flannel, MetalLB, NGINX Ingress, cert-manager.

TypeScript, NestJS, Next.js, React, Flutter, PostgreSQL, Prisma, Redis, BullMQ, Docker, MinIO/S3, next-intl

Full-Stack Developer

OXO Teknoloji | Istanbul, Türkiye | 02/2024 - 06/2024

- Built social-platform integration services against third-party APIs.
- Handled rate limiting, authentication and queue-based job processing.
- Developed Node.js backend services with a React front end.
- Automated browser-driven workflows with Puppeteer against third-party platforms.

Node.js, NestJS, React, Puppeteer

Full-Stack Developer

Orjeen / Perllamoda | Istanbul, Türkiye | 03/2021 - 02/2024

- Built and maintained an online store serving the Saudi market.
- Delivered the iOS and Android app in Flutter, using MVVM with Cubit.
- Integrated Tabby instalment and Urway card payment gateways.
- Settled orders on server-to-server callbacks, so an interrupted checkout cannot lose a payment.
- Built a warehouse management system on the WooCommerce REST API.
- Migrated the app from Ionic/Angular to Flutter feature by feature, with no downtime.
- Added FCM push notifications, Firebase Analytics, and map-pin delivery confirmation via geocoding.

Flutter, Dart, Ionic, Cubit, Firebase, NestJS, Node.js, MongoDB, WooCommerce REST

Front-End Developer

Midad Tek | Istanbul, Türkiye | 07/2020 - 03/2021

- Front-end development on the team that shipped the Zakati mobile app.
- Built and delivered web projects for charity-sector clients.

JavaScript, React, WordPress

PROJECTS

Megastore

Multi-surface commerce platform | 2026

- Trilingual and multi-currency, built as five applications behind one shared contract layer.
- Variant catalogue, Postgres full-text search, and a process-before-store media pipeline.

megastoremobile.net | play.google.com/store/apps/details?id=com.megastoremobile.app.ai

NestJS, Prisma, PostgreSQL, Redis, BullMQ, Next.js, React, Flutter, Docker, MinIO

Netlastik

B2B tyre commerce app | 2024 - 2025

- Dealer app live on both the App Store and Google Play.
- Per-account pricing, a current-account ledger, and payment handed to the bank's webview.

apps.apple.com/tr/app/netlastik/id6743318489 | play.google.com/store/apps/details?id=com.netlastik.app

Flutter, Dart, Bloc/Cubit, go_router, get_it, dio

OUKITEL B2B Suite

Four apps, one API | 2025 - 2026

- Sales, repair intake, programme management and returns as four Flutter clients.
- One role-scoped NestJS backend, presigned S3 uploads and Firebase push.

play.google.com/store/apps/details?id=com.imphone.oukitel_business

Flutter, NestJS, Prisma, PostgreSQL, AWS S3, Redis, BullMQ, Firebase

Kartçek

Field debt-collection app | 2025

- Collection app for field agents, live on Google Play.

play.google.com/store/apps/details?id=com.kartcek.app

Flutter, Bloc/Cubit, go_router, dio

SKILLS

Languages: TypeScript, JavaScript, Dart, SQL

Backend: NestJS, Node.js, Express, Prisma, Zod, BullMQ, REST, JWT/JWKS, OAuth 2.0

Frontend: Next.js, React, Server Components, Tailwind CSS, shadcn/ui, next-intl, i18n, RTL

Mobile: Flutter, Bloc/Cubit, go_router, get_it, Firebase, Ionic

Databases: PostgreSQL, Redis, MongoDB

Infrastructure: Docker, Docker Compose, Kubernetes (kubeadm), HA control plane, HAProxy, Flannel, MetalLB, NGINX Ingress, cert-manager, Helm, Turborepo, MinIO/S3, Traefik, Cloudflare Tunnel, Linux (Ubuntu) VPS

Media: Sharp, FFmpeg, HLS, WebP pipelines

EDUCATION

BSc Computer Engineering

Istanbul Aydın University | Istanbul, Türkiye | 2017 - 2021

LANGUAGES

Arabic — Native

Turkish — Fluent

English — Professional