

ABDULLAH KAHVECIOGLU

Design Engineer · AI-Native Product Builder

Belgrade, Serbia (CET) · Work and residence permit in Serbia
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Open to senior design engineer roles · remote from Belgrade, or relocation with visa sponsorship

Product designer with eight years across enterprise ERP, BI and fintech, now designing and shipping production software end to end with AI agents: I set the architecture and review every change, and agents write most of the code. Two products live, a five-language property platform and an iOS app in 32 languages, and a B2B marketplace in build as CTO. I own the work from brand and design system to database and release.

SELECTED PRODUCTS

NOVI KVADRAT

[novikvadrat.rs](#) · [case study](#)

Property platform for Serbia · Sole designer and developer, at DC Development

Dec 2025 – Present · Live

- **Reach:** the live site lists about 480 new-build projects from 352 developers across 29 cities (Oct 2026).
- **Platform:** sale, resale and rental marketplaces, a business portal and a staff admin console, in five languages with locale-native URLs.
- **Scale:** 277 pages, 601 API routes and 390 database migrations, with row-level security on every table.
- **Three in-browser studios on one editing core:** Floor Plan Studio traces a scanned plan into measured rooms; 3D Buildings Studio stacks storeys on map footprints and places developer 3D models; Site Plan Studio links a site plan to its buildings with a magic-wand tool.
- **3D and immersive views:** a 3D buildings viewer whose tap picks the right storey in 99.65% of 81 GPU test runs, and listings that move from photo to 360° to 3D scan in the same room.
- **AI inside the product:** a search assistant that turns a plain-language brief into validated filters, with a deterministic fallback and no invented listings; drafts for listings, replies and city guides, with editorial review.
- **Market data:** statistics-office, land-registry and Eurostat data across 167 municipalities, behind price statistics, trends and city guides.
- **Design system and quality:** a 19-board library and 130+ documented components, held by lint rules and 1,023 visual-regression baselines; 57,423 tests, and 292 SQL security proofs that caught all 53 planted mutants.
- **Stack:** Next.js, React, TypeScript, Tailwind, Supabase, PostGIS, pgvector, MapLibre GL, three.js, Vercel, Cloudflare.

PROBABABY

[case study](#)

Pregnancy and baby tracker for iOS · Founder, designer and developer

App Store since May 2026 · Live

- **Outcome:** 500+ users. Repositioned the app as twins-first in v1.0.4 after reading early user data; sign-ups rose from about 2 to about 10 a day.
- Took the app from prototype to the App Store, for iPhone, iPad and Apple Watch, from brand and product design to backend.
- **Shaped by real use:** Esma Kahvecioglu, my wife, was its first user and daily QA. Living in Serbia as foreigners led to doctor-visit reports in 32 languages, shared by QR code or shown in a large-text mode.
- Shipped in 32 languages, right-to-left included, with 8 Live Activities, 17 widgets and an 11-screen Watch app.
- Built offline-first sync, so a feed started on one phone appears on the partner's phone at once.
- **Stack:** Swift, SwiftUI, SwiftData, Supabase edge functions.

SULTANA EXPRESS

[case study](#)

B2B sourcing marketplace for Turkish manufacturing · Co-founder and CTO, part-time

Since Aug 2025 · Beta Nov 2026

- Leading the rebuild from a no-code prototype to a Go, Next.js and SwiftUI platform.
- Set the architecture in a 145-phase plan and 45 decision records: one Go monolith of 38 modules and 556 API operations.
- Kubernetes-native from day one: API, worker and realtime services with CloudNativePG Postgres, NATS JetStream, Redis and Typesense, deployed by Argo CD through pull-based GitOps.
- Designed a double-entry escrow ledger that releases supplier payouts only after the buyer accepts the goods.
- Wired OpenTelemetry into Grafana for traces, metrics and logs, with a privacy filter on all telemetry; cut the visual-regression suite from 68 to under 17 minutes by sharding it.

PROFESSIONAL EXPERIENCE

DC DEVELOPMENT

Lead Design Engineer

Belgrade, Serbia
Nov 2024 – Present

In-house designer and developer across the group’s companies.

- **Novi Kvadrat · Sole designer and developer** · Dec 2025 – Present
 - Designed and built it in a core team of four, with a growth manager and two customer-relations leads.
 - Shipped three in-browser studios, a public 3D viewer, an AI search assistant and official-data market statistics.
- **Axel Properties · Design Lead** · Jul 2025 – Present
 - Built the brand system for the AXEL Riverside development: 42 assets and 38 guideline sections, from logo to signage.
 - Specified 15 colours in NCS, RAL and Pantone, so the brand holds from print to building signage.
 - Coded interactive React and TypeScript components for the website, including a payment-plan calculator.

SULTANA EXPRESS

Co-founder and CTO · part-time

Remote
Aug 2025 – Present

- Own architecture, engineering, Kubernetes infrastructure and delivery for the platform above, on evenings and weekends.

SECRETOCHO DESIGN

Founder & Design Engineer

Belgrade, Serbia
Jul 2022 – Present

- My studio for my own products and selected client work, run alongside full-time roles.
- Designed, built and launched ProbaBaby; delivered 7 brand identities for clients between 2023 and 2025.
- Published 28 Framer code components in React and TypeScript, from Three.js particle fields and WebGL shaders to CMS and booking widgets, each with a live demo, documentation and source; tuned the Three.js ones for 40% faster load.
- Built a design token system shared by Figma and code.

LEVERATE

UX/UI and Web Designer

Remote, for Tel Aviv
Mar 2023 – Nov 2024

- Built the Leverage Design System in the first four months.
- Designed and shipped the leverage.com and leveratetech.com sites, the PiQK brand and site, and the Walla Crypto app.

HYLA NORTH AMERICA

Senior UX/UI Designer

Remote, for New York
Aug 2022 – Mar 2023

- Designed WiZZ Sales for web and mobile and the WiZZ Customer App, and built the WiZZ Design System all three share.

CPM SOFTWARE

UX/UI Designer

Istanbul, Türkiye
Nov 2020 – Jul 2022

- Designed enterprise products across web, mobile and desktop: CPM ERP Cloud, the Analist BI tool, CPM Touch for iOS and Android, and four desktop applications.
- Created the CPM Design System 2022 and designed the company website.

PALAMUT GROUP

UX/UI Designer · from 2020 alongside CPM Software, its sister company

Istanbul, Türkiye
Aug 2018 – Jul 2022

- Joined in sales and worked the warehouse and a branch, then moved to the software team to design their tools: the Palamut Group Android app and internal web system, shaped by user interviews and usability tests.

SKILLS

- **Design:** Product design, Design systems and tokens, Brand identity, UX research, Prototyping, Motion, Figma, Framer, Illustrator, After Effects
- **Web:** TypeScript, React, Next.js, Astro, Tailwind CSS, Supabase, PostgreSQL, PostGIS, pgvector, MapLibre GL, three.js, Vercel, Cloudflare
- **Apple platforms:** Swift, SwiftUI, SwiftData, Widgets, Live Activities, watchOS
- **Backend:** Go, API design, Double-entry ledgers, Row-level security, Kubernetes, Argo CD, NATS JetStream, OpenTelemetry
- **Quality:** Playwright, Vitest, Visual regression, Mutation testing, Accessibility, Performance budgets, CI/CD
- **AI-native delivery:** Claude Code, Multi-agent builds, Cross-model review, LLM features in products

EDUCATION AND LANGUAGES

ALTINBAS UNIVERSITY

MSc programme, not completed, Information Technology

2019 – 2021

SAKARYA UNIVERSITY

BSc, Business Management · with an Erasmus+ exchange year at Vilniaus kooperacijos kolegija, Vilnius

2012 – 2017

- **Certification:** Enterprise Design Thinking Practitioner, IBM, 2021
- **Languages:** Turkish (native), English (C1)