

Murat Zorlu *Full-Stack Web Developer*

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Profile

Full-stack TypeScript developer shipping production web apps with Next.js, NestJS, and PostgreSQL. Built and shipped a multi-tenant SaaS (TeamBoard) with Stripe billing, a real-time chat platform (PulseChat) with hardened auth and Redis pub/sub, and a live real estate platform (yenigunemlak.com 🌐) serving 240+ active property listings. Open to remote roles.

Education

09/2020 – 09/2024
Konya **Computer Engineering**
Necmettin Erbakan University

Professional Experience

04/2025 – Present
Kocaeli **Full-Stack Developer**
Alutem

- Developed and shipped a full-stack admin panel using Next.js 16, TypeScript, Supabase, and Material UI, serving a metal products company with 200+ commits in production.
- Established role-based access control with 3 permission levels, Row Level Security across all database tables, IP-based route protection, and server-side session validation.
- Built a real-time analytics dashboard integrating live metal price data, interactive charts (Line, Bar, Pie, Gauge), and date range filtering using MUI X-Charts.
- Engineered a complete product catalog system supporting category hierarchies, variant filtering, media uploads (images & PDFs), and full CRUD operations.
- Delivered client management module with trend charts, data tables, and PDF report generation. Launched on Vercel with automated CI pipeline.

01/2026 – 03/2026
Remote **Contract Full-Stack Developer (yenigunemlak.com)**
Eupholias

- Short term freelance engagement to refactor and extend an inherited Next.js codebase for a Kocaeli-based real estate agency.
- Shipped production real estate platform live at yenigunemlak.com 🌐, supporting hundreds of property listings.
- Built advanced property search with filters (price, area, rooms, location, amenities) and interactive map-based search using Google Maps and Leaflet.
- Integrated Google Cloud Storage for image galleries, WhatsApp Business API for agent contact, and built admin panel for listing management, customer tracking, and contract handling.
- Powered by Next.js 16, TypeScript, Tailwind CSS, Zustand, and Axios. Deployed to production with SSR and SEO optimization.

Projects

TeamBoard

Multi-tenant SaaS for team collaboration with Stripe billing

- Built a multi-tenant SaaS with kanban boards, Stripe subscription billing (Free/Pro), Google OAuth, and email invitations via Resend.
- Designed three-layer authorization: workspace membership → role-based access (Owner/Admin/Member) → cross-tenant resource resolver guarding 7+ resource types.
- Implemented drag-and-drop kanban (@dnd-kit), event-driven activity feed, and notification system using NestJS EventEmitter.
- Shipped 12 Playwright E2E tests against real Postgres in a 3-job GitHub Actions CI pipeline (lint+build, API typecheck, E2E).
- Stack: Next.js 16, NestJS 11, Prisma, PostgreSQL, Stripe.

PulseChat

Slack-style real-time chat with WebSockets and Redis pub/sub

- Built a production-grade chat platform with multi-room channels, DMs, file attachments, and 10+ real-time features (typing, read receipts, reactions, mentions, pins).
- Hardened auth across 22 PRs: refresh token rotation with reuse detection, per-event WebSocket authorization, magic-byte file validation, dual-layer rate limiting (HTTP + WS).
- Engineered Redis pub/sub adapter for multi-instance Socket.io ☑ broadcasts; shipped 144 unit and end-to-end tests.
- Stack: Next.js 16, NestJS 11, Prisma, PostgreSQL, Redis, Docker Compose.

Skills

Languages & Frameworks

TypeScript, JavaScript, React 19, Next.js 16, NestJS 11, Node.js

Database & ORM

PostgreSQL, Prisma, Supabase (RLS), Redis

Testing

Jest, Playwright (E2E)

Frontend

Tailwind CSS, Material UI, Framer Motion, Zustand, TanStack React Query

Tools & Infrastructure

Docker, Git, GitHub Actions, Socket.io, Redis pub/sub, REST API, JWT, OAuth (Google), Stripe Webhooks

Languages

English

B2+

Turkish

Native