

Hüsam Yıldırım

Full-Stack Software Engineer

Istanbul, Turkey | Open to remote and relocation opportunities

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Summary

Full-Stack Software Engineer and creator of db-studio (19,000+ downloads, 250+ GitHub stars), with 2.5+ years of experience building web products with TypeScript, React, Next.js, Node.js, and PostgreSQL. Shipped payments, background jobs, AI features, and data-heavy interfaces to production for healthcare, fundraising, and marketplace products.

Work Experience

Synergex Med | Software Engineer | California, USA (Remote) Feb 2026 – Present

- Built a HIPAA-aligned private-form platform with role-based access control (RBAC), unique signing links, and patient and representative signing flows, scaling to 325 signed forms and 3,800+ signatures a month.
- Built a live AI coaching assistant that guides staff through referral calls in real time.
- Generated 460+ PDFs a month a median of 9 seconds after submission with no staff step, and sent 260+ reminders a month that preceded 32% of completed forms, by automating admin review, audit trails, Slack alerts, and Google Drive archiving.
- Shipped **FirstImpact Med**, an accident-injury evaluation platform covering structured intake, safety screening, physician review, and patient portal delivery.

Stack: Next.js, Payload CMS, TypeScript, PostgreSQL, Inngest, Twilio, Anthropic Claude, AWS S3

FlowX | Software Engineer | Istanbul, Turkey (Remote) Jun 2024 – Jan 2026

FlowX: multi-tenant fundraising CRM

- Processed one-time and recurring donations for 120+ associations by building Stripe integrations for donor subscriptions, payouts, and a self-service donor portal.
- Localized the product into 4 languages and multiple currencies (i18n), and shipped custom landing pages, SEO tools, and automated donor follow-up emails.
- Shipped organization dashboards for campaigns, donors, expenses, and role-based access, with reports and CSV exports.

NorthTech: AI conversation intelligence product

- Surfaced quality scores, team performance, and sales opportunities from 40K+ calls per month to 15+ enterprise clients by building the frontend dashboards.

Rentop: Dubai car rental marketplace

- Served 10,000+ drivers booking across 1,000+ verified vehicles by building live inventory, asset-specific booking, delivery-location selection, and Stripe payments.

Stack: Next.js, React, TypeScript, NestJS, tRPC, Prisma, PostgreSQL, Stripe

Linked Trust | Software Engineer | Arizona, USA (Remote) Jan 2024 – May 2024

- Built AI-assisted workflows for reviewing business documents, issuing verifiable credentials, and validating claims tied to third-party sources.
- Added decentralized identity features, reusable frontend components, and API integrations for credential verification and user-controlled data with Solid Server.

Stack: Next.js, React, TypeScript, Material UI, TanStack Query, Solid Server

Projects

db-studio | 19,000+ downloads | 250+ GitHub stars

dbstudio.sh

- Independently built and released a simpler alternative to pgAdmin for managing PostgreSQL databases.
- Built virtualized spreadsheet-style data grids, a Monaco SQL editor, schema diagrams, AI SQL help, and safe data browsing and editing.
- Created the web app, API, CLI, tests, packaging, and deployment with React, TypeScript, Hono, PostgreSQL, and Cloudflare Workers.

pstrack | 1,300+ users

pstrack.app

- Independently designed and built a collaborative platform for tracking LeetCode progress.
- Owned the UI, GraphQL API, authentication, data model, background jobs, webhooks, observability, error monitoring, testing, and deployment.

LeetPush | 2,000+ installs

[Chrome Web Store](#)

- Built a Chrome extension that automatically sends accepted LeetCode solutions to GitHub.
- Connected LeetCode's GraphQL API with the GitHub API to create and publish solution files.

Education

Karabük University | B.Eng. in Electrical and Electronics Engineering Sep 2021 – Jun 2025

Karabük, Turkey

ALX Academy | Software Engineering Program

Jun 2023 – Aug 2024

Cairo, Egypt

Technical Skills

Languages: TypeScript, JavaScript, Python, Go, SQL, C, C++

Frontend: React, Next.js, Tailwind CSS, shadcn/ui, Radix UI, Material UI, TanStack Query, TanStack Table, TanStack Virtual, React Hook Form, Zustand, Redux Toolkit, Recharts, D3.js, Monaco Editor, Chrome Extensions, Vite, accessibility, responsive design

Backend: Node.js, NestJS, Express, Hono, REST APIs, GraphQL, tRPC, API design, webhooks, authentication, RBAC, background jobs (Inngest), queue-based systems, Stripe payment integrations, Twilio, Payload CMS, Anthropic Claude API

Data: PostgreSQL, MySQL, MongoDB, SQLite, Prisma, Drizzle ORM, Supabase, Redis, RabbitMQ, data modeling, schema design, query optimization

Infrastructure & Testing: Docker, Nginx, GitHub Actions, CI/CD, Linux, Vercel, Cloudflare Workers, AWS S3, observability, error monitoring, Sentry, Vitest, Jest, React Testing Library