

Hüsam Yıldırım

Full-Stack Software Engineer

Istanbul, Turkey | Open to remote and relocation opportunities

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Summary

Full-Stack Software Engineer with 2.5+ years of experience building web products with TypeScript, React, Next.js, Node.js, and PostgreSQL. Independently shipped developer tools and SaaS products used by thousands of people, including db-studio with 15,000+ downloads and 220+ GitHub stars. Experienced in payments, background jobs, AI features, data-heavy interfaces, and production deployment.

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), form packets, unique signing links, patient and representative signing flows, and lifecycle tracking.
- Built admin workflows for issuing sessions, reviewing submissions, generating PDFs, preserving audit trails, sending automated reminders, Slack alerts, Excel-style Google Sheets logs, and Google Drive document archiving.
- Built **FirstImpact Med**, an accident-injury evaluation platform with structured intake, safety screening, physician review, signed documentation, patient portal delivery, and authorized representative flows.
- Added internationalization (i18n) to a bilingual clinic website with service pages and a map that helps users find nearby clinics.

Stack: Next.js 16, Payload CMS 3, TypeScript, PostgreSQL, Tailwind CSS 4, shadcn/ui, Inngeist, Twilio, Resend, AWS S3, Anthropic Claude, PDFKit, Google Drive API, Google Sheets API, Slack webhooks, Redis, Vercel

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

- Built core product features for FlowX, a multi-tenant fundraising CRM used by 120+ associations, including payment portals, donor management, reports, email campaigns, monthly subscriptions, and analytics dashboards.
- Built Stripe payment integrations for one-time and recurring donations, donor subscriptions, reports, CSV exports, and a self-service donor portal, supporting +38% average donation growth.
- Built organization dashboards and admin workflows for campaigns, donors, donations, beneficiaries, employees, expenses, users, payouts, email campaigns, subscription limits, and role-based access.
- Added internationalization (i18n) across 4 supported languages, multiple currencies, custom landing pages, SEO tools, and automated follow-up emails for donors.
- Built frontend dashboards for **NorthTech**, an AI conversation intelligence product, including call quality scoring, team performance charts, and sales opportunity insights.
- Built **Rentop**, a car rental marketplace with live inventory, asset-specific booking, delivery-location selection, availability filters, and secure Stripe payments.

Stack: Next.js, React, React Router, TypeScript, TanStack Query, TanStack Table, Tailwind CSS, Zustand, Recharts, React Hook Form, NestJS, better-auth, Prisma, PostgreSQL, Supabase, Stripe, SendGrid, Nodemailer, Multer, jsPDF, i18next, Pino/Sentry, tRPC, Zod, Docker, GitHub Actions, Nginx, Vercel, Turborepo

Linked Trust | Software Engineer | Arizona - United States (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, React Hook Form, Docker, Solid Server

Projects

db-studio | 15,000+ downloads | 220+ 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 ptrack.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 | 1,800+ installs [Chrome Web Store](https://chrome.google.com/webstore/detail/leetpush)

- 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, TanStack Query, TanStack Table, TanStack Virtual, React Hook Form, Zustand, Redux Toolkit, Recharts, D3.js, Vite, accessibility, responsive design

Backend: Node.js, NestJS, Express, Hono, REST APIs, GraphQL, tRPC, API design, webhooks, authentication, RBAC, background jobs, queue-based systems, Stripe payment integrations

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