

Hüsam Yıldırım

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SUMMARY

Full-Stack Software Engineer, Solo-shipped db-studio (pgAdmin alternative), pstrack (1K+ users) Leet-Push (1.5K+ installs) 250+ LeetCode, Next.js / React / TypeScript expert, Solid backend DevOps.

WORK EXPERIENCE

FlowX — Software Engineer — Turkey (Remote)

May 2025 – Jan 2026

- Developed a B2C system for charities to manage fundraising, donors, beneficiaries, and operations with custom landing pages, payment links, bilingual campaigns, and secure, user-friendly analytics.
- Developed key features: bilingual campaign pages, custom landing pages, secure payments (one-time + recurring), donor management, email campaigns, reports, beneficiary tracking, employee tools, expense logging, and a donor portal to view subscriptions and impact.
- Added multi-language/currency support, SEO tools, unlimited campaign pages, easy CSV exports, and smart follow-up emails that boost donations.
- **Technologies:** Next.js, React, TypeScript, React Query, React Markdown, Tailwind CSS, Zustand, Recharts, jsPDF, React Hook Form, React Router, MDX Editor, react-i18next, nuqs, better-auth, JWT, Nodemailer, Prisma, PostgreSQL, SendGrid, Stripe, tRPC, Zod, Axios, Docker, GitHub Actions, Nginx, Vercel, Biome, Git/GitHub, Bun, Prettier, t3-env, Turborepo, Husky.

NorthTech — Frontend Engineer — Turkey (Remote)

Feb 2025 – May 2025

- Built the complete frontend for Northtech.ai — an AI-powered conversation intelligence platform that analyzes calls and interactions to provide actionable insights, quality scoring, performance tracking, and sales opportunity detection.
- Built intuitive role-based dashboards and modern responsive UI with smooth visualizations, turning AI insights into clear, actionable intelligence for call center and sales teams.
- **Technologies:** Next.js, React, TypeScript, Tailwind CSS, Zustand, React Query, NextAuth.js (JWT), Axios, React Hook Form, Zod, Docker, Nginx, Bun, GitHub Actions, Makefiles.

Kwayes Information Tech. — Software Engineer — UAE (Remote)

Jun 2024 – Nov 2024

- Developed a modern online car rental platform in Dubai that lets users book real cars (not categories) with fast, hassle-free reservations for [Rentop.co](#).
- Built key features for easy car renting: search and filter cars by brand, type, budget, and real photos; select dates and delivery spots; and instant booking with secure payment handling.
- **Technologies:** Next.js, Redux, TypeScript, ChakraUI, Stripe, Zod, Supabase, and PostgreSQL.

Linked Trust — Software Engineer — United States (Remote)

Jan 2024 – May 2024

- Built features for LinkedTrust, a Web3 platform that uses AI to transform business documents and achievements into verifiable, trustworthy credentials.
- Developed decentralized identity data-control features using Solid Server for user-owned Web3 applications.
- **Technologies:** Next.js, React.js, Material-UI, TypeScript, TailwindCSS, React Query, React Hook Form, Docker, Prettier, Makefiles.

PROJECTS

db-studio — [Link](#)

- Built a modern, universal database management studio (pgAdmin alternative) with spreadsheet-like grid, AI-powered SQL assistance, ER diagrams, fast data browsing & editing. Includes CLI tool + upcoming desktop/web versions.
- **Technologies:** React 19, Vite, Tailwind CSS v4, TypeScript, Hono, Zod, Bun, tsup, TanStack React Table + Virtual, Radix UI, Monaco Editor, React Hook Form, Nuqs, Zustand, Vitest, Biome, Cloudflare Workers, Commander, Clack Prompts, PostgreSQL (pg), Node SQL Parser

pstrack (+1000 users) — [Link](#)

- Developed a collaborative progress tracking system to monitor, manage, and enhance LeetCode problem-solving skills. Single-handedly built the frontend, backend, and UI/UX.
- **Technologies:** Next.js, React, TypeScript, Tailwind, ShadCN, OriginUI, Framer Motion, Zustand, Nuqs, tRPC, Prisma ORM, PostgreSQL, Zod, Supabase Auth, Tanstack Query, Redis, RabbitMQ, Nodemailer, Jest, T3 Env, Vercel hosting, and Git/GitHub.

LeetPush (+1500 users) — [Link](#)

- Chrome extension to automate LeetCode solution uploads to GitHub.
- **Technologies:** JavaScript, ReactJS, TailwindCSS, ExpressJS, GraphQL, and GitHub API.

EDUCATION

B.Eng in Electrical and Electronics Engineering, Karabük University Sep 2021 – Jun 2025
Location: Karabük, Turkey

- Learnt C, C++, Assembly, and MATLAB via coursework and projects.

B.Eng in Software Engineering, ALX Academy Jun 2023 – Aug 2024
Location: Cairo, Egypt

- **Projects:** Low-level and high-level programming, DevOps, networking, and databases.
- **Soft skills:** Problem-solving, communication, teamwork, adaptability, and critical thinking.

SKILLS

Programming Languages HTML, CSS, JavaScript, TypeScript, Python, C, C++

Frontend React.js, Next.js, TailwindCSS, Bootstrap, MUI, ChakraUI, ShadCN, Material-UI, React Router, React Hook Form, React Query, Tanstack Query, react-i18next, Redux, Zustand, Nuqs, Recharts

Backend Node.js, Express.js, Nest.js, Flask, Supabase, Hono, tRPC, Cloudflare Workers, NextAuth.js, Supabase Auth, better-auth, JWT, Prisma, Drizzle ORM, Axios, Stripe, SendGrid, Nodemailer, Cloudflare KV, Upstash Redis, Redis, RabbitMQ, Zod, Jest

Databases MySQL, PostgreSQL, MongoDB

DevOps & Tools Docker, Nginx, Vercel, Git/GitHub, GitHub Actions, Linux, Postman, Bun, pnpm, Husky, Biome, Prettier, Makefiles, Sentry, t3-env, Turborepo