SENIOR FRONTEND / FULL-STACK ENGINEER · CAIRO

Interfaces that make complex products work.

I build and lead the frontends behind SaaS products: live fleet tracking at Routz, a multi-tenant innovation platform at Untap, and my own tutoring marketplace, Zads. Vue, React, Next.js, and TypeScript, with Arabic and English interfaces built right-to-left first.

Company work

Schoolz / Routz

Untap · AutoTager · Botme

MoreCreative · Enjaz · MTC · Webdivs

Freelance projects

Zads · Fleet Billing · Yanfaa · Wellpal

FundSeer · Kadouscope · Movex

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Senior Full-Stack Engineer Jan 2025–Present

Routz

Schoolz (Routz Platform)

Schoolz's fleet-management and school-transportation platform. I built the Vue 3 web application from the ground up, with admin and client dashboards, and own its real-time layer.



My contribution

- Built the real-time layer end to end: live GPS tracking of active trips and an in-app chat (web backend and frontend plus the mobile apps) connecting operators, passengers, and drivers over custom Node.js socket services.
- Shipped the passenger self-service subscription flow: in-app registration, package selection, and online payment through PayTabs, plus operator workflows for drivers, trips, and billing.
- Integrated mapping and geocoding APIs for route planning, location search, and map interactions.
- Established shared Vue components and composables for a bilingual Arabic and English interface.

Vue 3 | Node.js sockets | Live chat | GPS tracking | PayTabs | Arabic/English

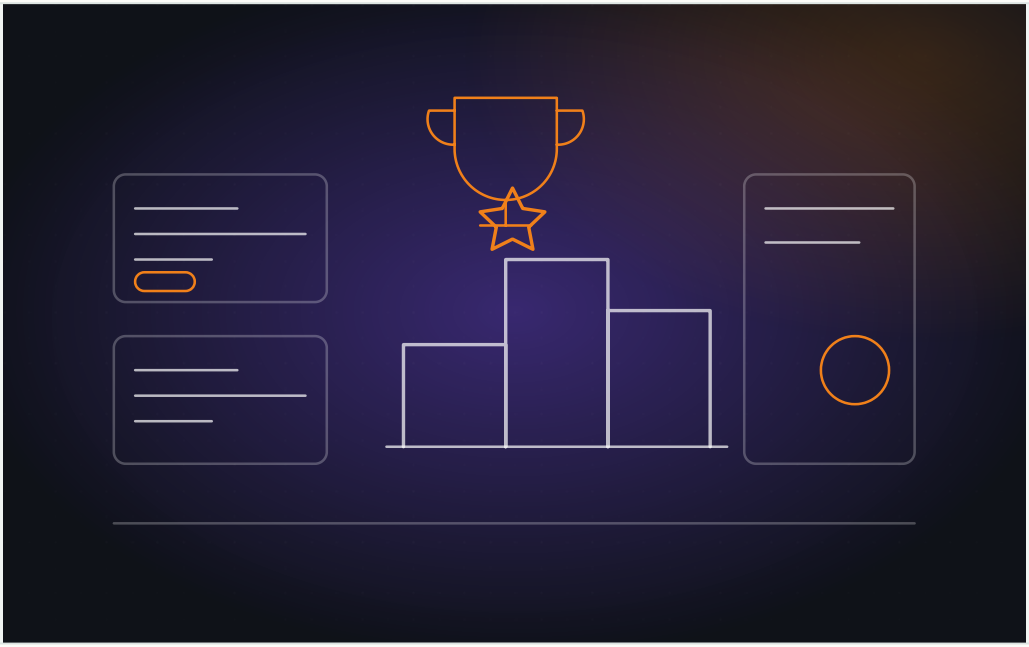
routz.me Read the full case study ↗

Senior Frontend Engineer / Frontend Team Lead Dec 2022–Apr 2026

Untap

Untap

A multi-tenant SaaS platform for competitions, innovation programs, and grant management, bringing admin, customer portal, and public-site experiences into one Vue codebase.



My contribution

- Became the primary frontend contributor and was promoted to Frontend Team Lead in January 2025, owning architecture decisions, code reviews, and engineer mentoring.
- Designed the multi-tenant foundation for client theming, permission roles, and runtime configuration, supporting dozens of distinct client deployments from one codebase.
- Delivered a schema-driven form builder and drag-and-drop page builder on SurveyJS and GrapesJS, then added an AI layer so clients generate forms and pages from a prompt and run AI screening of submissions before judge review.
- Integrated Stripe so clients can charge participants for submissions.
- Improved initial dashboard load time by 40% through Vite build optimization, route-level code splitting, and state-management refactoring.
- Owned frontend security remediation during the ISO 27001:2022 certification: moved auth tokens from localStorage to HTTP-only cookies and replaced vulnerable dependencies until the certificate was granted.

Vue 3 | Multi-tenant SaaS | SurveyJS | GrapesJS | AI screening | Stripe | ISO 27001

untap.tech Read the full case study ↗

Frontend Engineer Jan 2022–Dec 2022

AutoTager

AutoTager

A B2B automotive marketplace where dealers list inventory and admins and clients work from data-dense dashboards. I built the React frontend for all three.

My contribution

- Built the admin, client, and dealer dashboards in React: analytics, inventory, and multi-tenant listings.
- Developed the vehicle-inspection workflow: photo uploads, condition scoring, and a structured report that a listing has to pass before it goes live.
- Turned the Figma designs into a reusable React component library, which cut design-to-development handoff time by 50%.

React B2B marketplace Dashboards Vehicle inspection

Frontend Engineer Jan 2018–Jan 2022

Botme

Botme

An omnichannel chatbot builder used by 5,000+ active businesses a month, with workflow automation, live chat, and commerce. I spent four years on its frontend.

My contribution

- Built and improved the bot builder, workflow automation, live chat, and commerce features in Vue.js and Angular, for a product with 5,000+ active business users a month.
- Contributed to Botme Shops, the automated e-commerce module that Facebook featured at F8 Refresh 2021.
- Designed the user flows for the visual automation editor and the interactive forms.

Vue.js Angular Chatbots Workflow automation E-commerce

Frontend / Web Developer 2014–2018

Earlier Agency Work

MoreCreative, Enjaz (KSA), MTC (Qatar), and Webdivs

Where I started: client websites and storefronts at four agencies, including Enjaz in Saudi Arabia and MTC in Qatar, for customers across the MENA region.

My contribution

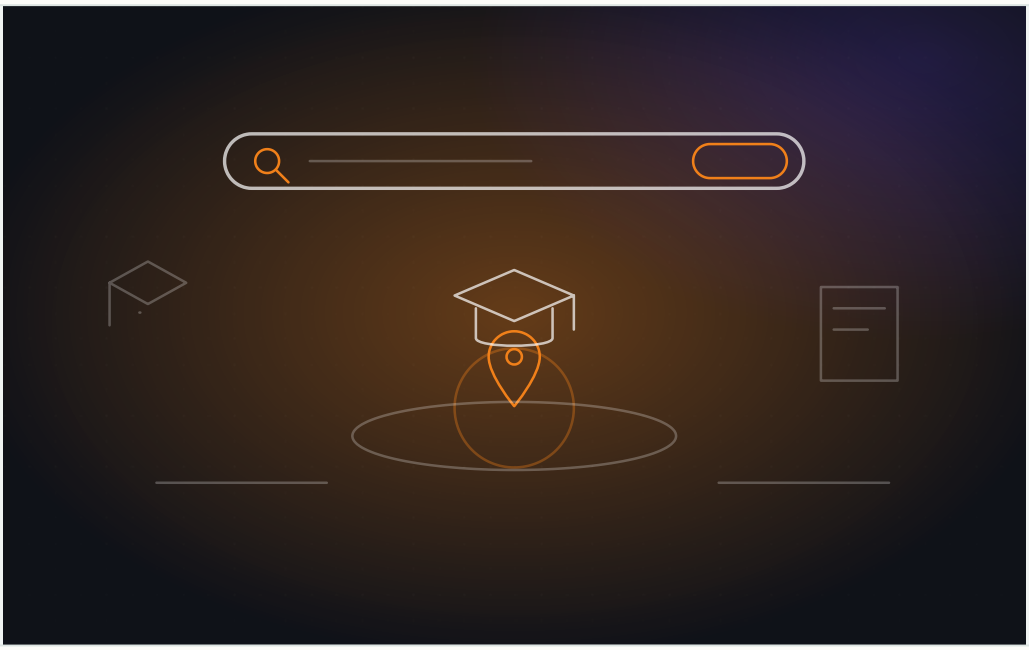
- Designed and built WordPress, WooCommerce, and Shopify websites and storefronts for agency clients.
- Integrated third-party APIs into client sites.

WordPress WooCommerce Shopify API integration

Founder & Full-Stack Engineer 2024–Present

Zads

My own learning marketplace: families and learners find nearby teachers and request lessons. Started on Nuxt 3, now on Next.js 16 App Router, with the source public on GitHub.



My contribution

- Built the backend using Node.js, Express, Prisma ORM, and PostgreSQL, with HTTP integration tests that run in CI before every deploy.
- Developed geo-proximity search to match learners with nearby teachers using location mapping and distance routing.
- Implemented dynamic pricing and automated tutor requests from parent sign-ups.
- Migrated the product from Nuxt 3/Vuetify to a unified Next.js 16 App Router app: 42 routes, Arabic/English RTL via next-intl, Auth.js v5, CASL role-based access, Server Components on the public pages, deployed on Vercel.

Next.js 16 | React | TypeScript | Node.js | PostgreSQL | Prisma | Open source

zads.app Read the full case study ↗

Full-Stack Engineer 2026

Fleet Billing (lite)

Subscriptions and billing for a school-bus operator: operators manage buses and trips and see revenue and seat utilization, while parents pick a plan and pay through Stripe Checkout. A portfolio project with synthetic seed data and Stripe in test mode; source is public on GitHub.



My contribution

- Built the web app on Next.js 16 App Router: Server Components for stats, tables, and subscriptions, a Server Action for checkout, and client components for the fleet editor and plan picker, in Arabic and English with RTL via next-intl.
- Built the NestJS API with global auth and role guards, class-validator DTOs, and pure, unit-tested pricing in integer cents (monthly and term plans with sibling discounts).
- Modeled the data with Prisma on Supabase Postgres and used Row Level Security for parent-scoped subscription reads; roles come from a profiles table, never from user metadata.
- Integrated Stripe Checkout with a signed webhook that verifies the signature, cross-checks the charged amount, and activates the subscription once per event id.
- Covered pricing, the webhook, and HTTP e2e with Vitest and web smoke with Playwright; GitHub Actions runs lint, typecheck, tests, migrations, seed, and a Docker build before the Vercel deploys.

Next.js 16 | NestJS | Prisma | Supabase RLS | Stripe | Vitest | Playwright | Arabic/English

fleet-billing.vercel.app Read the full case study ↗

Frontend Developer

Yanfaa

A full redesign of the Yanfaa website, which I implemented as responsive HTML and CSS.



Current public website captured in September 2026; it may differ from the UI redesign delivered for this project.

My contribution

- Redesigned the interface across the site and implemented it as responsive HTML and CSS layouts for desktop and mobile.
- Kept frontend performance in scope throughout the redesign, not as an afterthought.

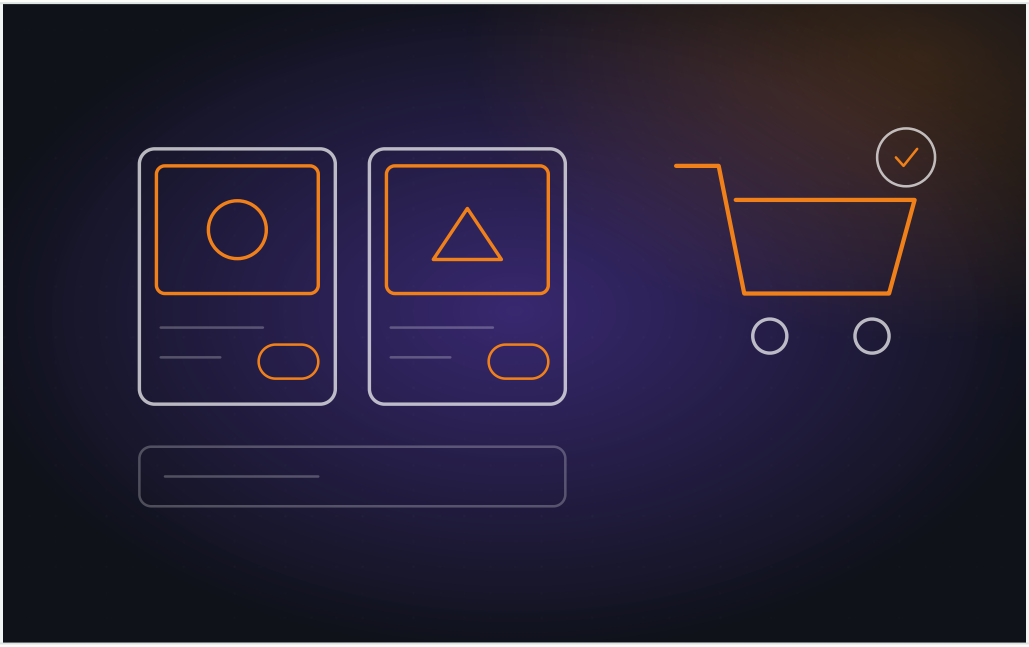
HTML CSS Responsive design Performance

yanfaa.com/

Frontend Developer

Wellpal

A custom storefront on the Sylius commerce platform, shaped around the customer's shopping journey.



Current public storefront captured in September 2026; it may differ from the custom Sylius storefront UX delivered for this project.

My contribution

- Built the custom storefront frontend on Sylius.
- Shaped the storefront interface from UX research and the client's business goals.

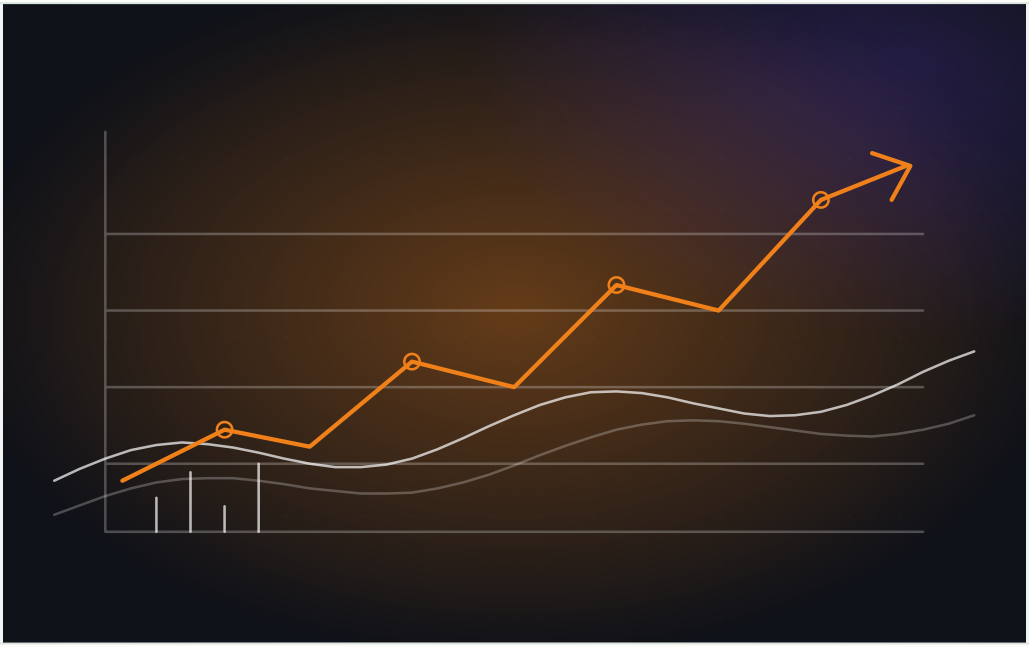
Sylius | E-commerce | Storefront UX

sa.wellpal.net/en/

Frontend Developer

FundSeer

Marketing websites and a secure investor dashboard for FundSeer, built with performance and scalability in mind.



My contribution

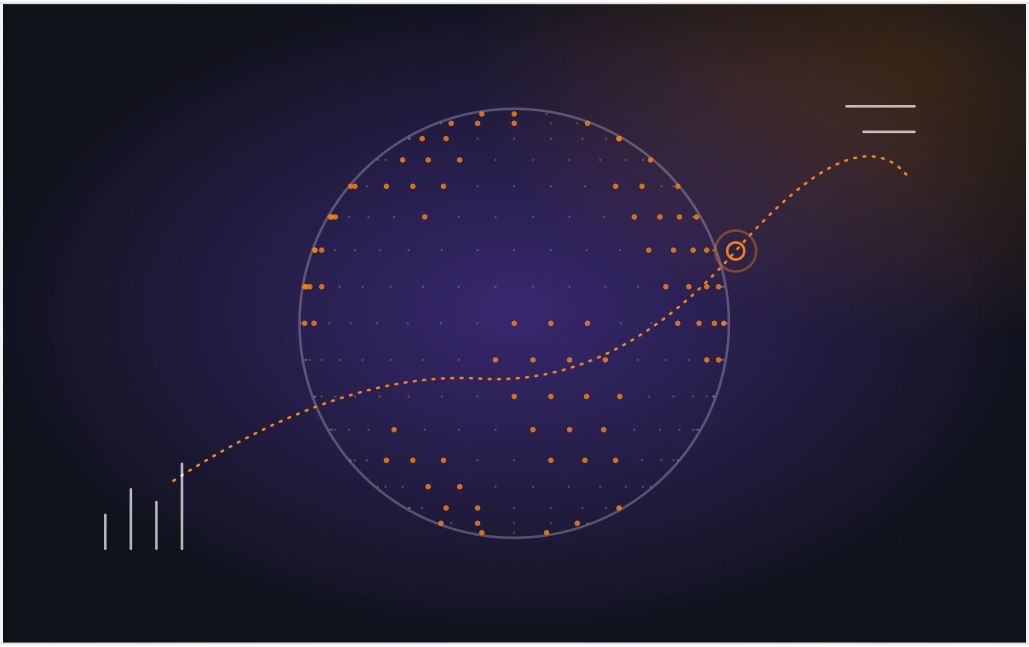
- Built the marketing websites.
- Developed the secure dashboard investors sign in to.
- Worked on frontend performance and scalability as the product grew.

Marketing websites | Investor dashboard | Security | Performance | Scalability

Frontend Developer

Kadouscope

A frontend overhaul of a complex React analytics dashboard: faster rendering, responsive layouts, and one consistent look.



My contribution

- Overhauled the frontend of a complex analytics dashboard in React.
- Improved rendering speed, responsive behavior, and visual consistency across the dashboard.

React Analytics Responsive design Rendering

Frontend Developer 2020

Movex

A shipment-tracking interface for a logistics company, connected to its tracking API.



My contribution

- Built the responsive frontend views for shipment tracking.
- Integrated the shipment-tracking API into the interface.

Logistics | Shipment tracking | API integration | Responsive design

LET’S BUILD WHAT’S NEXT.

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