SAYED ESMAIL

Senior Frontend Engineer | Vue 3 / Nuxt 3, TypeScript, React / Next.js

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 10+ years in web development: Vue.js (Vue 3, Nuxt 3) since 2018, then React since 2022 and Next.js since 2025, all in TypeScript. Built and led the frontend of multi-tenant and real-time SaaS products: a platform running dozens of client tenants from one codebase (Untap), live GPS fleet tracking with in-app chat and online payments (Schoolz), and a bilingual Arabic/English RTL product built end to end as the sole engineer (Zads). Experienced in leading a frontend team of 5 engineers, code review, and working against Node.js backends. Based in Cairo (UTC+2/+3), available immediately for remote work; open to relocation with employer visa sponsorship.

CORE SKILLS

Frontend: Vue 3 (Composition API, Pinia), Nuxt 3, React, Next.js (App Router), TypeScript, JavaScript (ES2020+), Angular, HTML5, CSS3

Architecture: Multi-tenant SaaS, Schema-driven UI (SurveyJS, GrapesJS), Real-time systems (WebSockets), Role-based access control

State & UI: Pinia, Zustand, Redux Toolkit; Tailwind CSS, Vuetify, Material UI, Sass, Responsive and Component-based Design

Backend exposure: Node.js, Express, Prisma ORM, PostgreSQL, Socket.io, Firebase

Payments: Stripe (Checkout, webhooks), PayTabs

Testing and delivery: Playwright, Vitest, Jest, React Testing Library, GitHub Actions CI/CD, Vercel, Vite, Webpack, Git

AI-assisted development: Claude Code, AI features at Untap (prompt-to-form/page generation, AI submission screening)

Leadership: Frontend team lead, code review, mentoring, Jira, Agile/Scrum

PROFESSIONAL EXPERIENCE

Senior Full-Stack Engineer — Schoolz (Routz Platform), Giza, Egypt *Jan 2025 - Present*

Jan 2025 - Apr 2026: part-time consulting, alongside Untap · May 2026 - Present: full-time

- Own product engineering end to end for a fleet-management and school-transportation SaaS: Vue 3 admin and client dashboards, live GPS trip tracking, in-app chat (web and mobile) over custom Node.js socket services, and the passenger subscription flow with PayTabs online payment.
- Started as a consultant: built the frontend team and defined the Vue 3 project structure, architecture and development workflow before moving to full-time ownership of the product.
- Integrated mapping and geocoding APIs to support accurate route planning, location search, and precise map interactions across the platform.
- Shipped operator workflows for drivers, trip scheduling, and billing.
- Established a shared component library and Vue composables to keep the interface consistent and fully bilingual (Arabic/English).

Frontend Team Lead — Untap, Cairo, Egypt *Jan 2025 - Apr 2026*

- Led the frontend team (5 engineers) and architecture for a multi-tenant Vue 3 SaaS platform (competitions, innovation programs, grant management), running dozens of client tenants from one codebase with per-client theming, roles, and runtime configuration.
- Cut initial dashboard load time by 40% (Vite build optimization, route-level code splitting, state-management refactor).

- Delivered a schema-driven form and page builder (SurveyJS, GrapesJS) and an AI layer that generates forms and pages from a prompt and screens submissions before judge review.
- Integrated Stripe for paid submissions with per-client pricing across tenants.
- Owned frontend security fixes through the ISO 27001:2022 audit: moved auth tokens from localStorage to HTTP-only cookies and replaced vulnerable dependencies until certification.

Senior Frontend Engineer — Untap, Cairo, Egypt *Dec 2022 - Jan 2025*

- Quickly became the primary frontend contributor and was promoted to Frontend Team Lead in January 2025, owning architecture decisions, code reviews, and engineer mentoring.
- Consolidated admin, customer portal, and public-site experiences into one Vue 3 codebase with dynamic routing.

Founder & Full-Stack Engineer (live product, zads.app) — Zads, Egypt *Jan 2026 - Present*

Own product, built alongside employment

- Built Zads (zads.app), a live bilingual (Arabic/English, RTL) tutoring marketplace, end to end as the sole engineer: first on Nuxt 3 and Vuetify with a Node.js, Express, Prisma and PostgreSQL API, then migrated to Next.js 16 App Router (42 routes, next-intl, Auth.js v5, CASL role-based access, Tailwind 4, shadcn), with integration tests in GitHub Actions before each Vercel deploy. Source: github.com/SayedEsmail/zads.
- Built the backend from scratch using Node.js, Express, Prisma ORM, and PostgreSQL to support a multi-app ecosystem.
- Engineered a geo-proximity search feature to match learners with nearby teachers using location mapping and distance routing.
- Built dynamic pricing logic and automated workflows, including tutor requests generated automatically from parent sign-ups.
- Also built Fleet Billing, an open-source school-bus subscription app (Next.js 16 App Router, NestJS, Prisma on Supabase with RLS, Stripe Checkout and webhooks, Vitest and Playwright in GitHub Actions, Docker): fleet-billing.vercel.app, github.com/SayedEsmail/fleet-billing.

Frontend Engineer — AutoTager, Cairo, Egypt *Jan 2022 - Dec 2022*

- Built data-dense Admin, Client, and Dealer dashboards in React.js for an automotive B2B marketplace, covering real-time analytics, inventory management, and multi-tenant listings.
- Developed a vehicle-inspection workflow for evaluating vehicles, uploading photos, assigning condition scores, and generating structured reports before listings were published.
- Converted complex Figma designs into a reusable React component library, reducing design-to-development handoff time by 50%.

Frontend Engineer — Botme, Giza, Egypt *Jan 2018 - Jan 2022*

- Built and continuously improved an omnichannel chatbot builder, workflow automation, live chat, and commerce experiences in Vue.js and Angular, supporting 5,000+ active business users each month.
- Contributed to Botme Shops, an automated e-commerce module featured globally at Facebook F8 Refresh 2021.
- Designed end-to-end UX flows for visual automation and interactive forms, improving core user engagement metrics.

Earlier Experience — MoreCreative, Enjaz (KSA), MTC (Qatar), Webdivs *2014 - 2018*

- Designed and built custom WordPress, WooCommerce, and Shopify storefronts and integrated third-party APIs for clients across the MENA region.

EDUCATION & LANGUAGES

Bachelor of Arts, Philosophy - Damanhour University (2009 - 2013)

Languages: Arabic (Native) | English (Full Professional Proficiency)