SAYED ESMAIL

Senior Frontend Engineer | Vue.js, React & SaaS Architecture

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 10+ years of experience building scalable SaaS platforms, multi-tenant applications, and real-time systems using Vue.js, React, and TypeScript. Proven ownership of frontend architecture from zero-to-one delivery through large-scale refactoring across logistics, education, and B2B marketplace products. Strong expertise in schema-driven UI, performance optimization, and engineering leadership.

CORE SKILLS

Frontend: Vue.js 2/3, Nuxt 3, React, Next.js, Angular, JavaScript (ES6+), TypeScript, HTML5, CSS3
Architecture: Multi-tenant SaaS, Schema-driven UI, Real-time Systems, Role-based Access Control
State Management: Pinia, Zustand, Redux Toolkit
UI & Styling: Tailwind CSS, Vuetify, Material UI, Sass, Responsive and Component-based Design
Backend Exposure: Node.js, Express, Prisma ORM, PostgreSQL, Socket.io, Firebase
Tooling & Practices: Vite, Webpack, Git, CI/CD, Playwright, Vitest, Jest, React Testing Library, Jira, Agile/Scrum, Code Review, Team Leadership

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer — Schoolz (Routz Platform), Giza, Egypt *Jan 2025 - Present*
Part-time consultant Jan 2025 - Apr 2026 · Full-time since May 2026

- Own frontend delivery for a fleet-management and school-transportation SaaS product, building the application from the ground up in Vue 3 with dedicated admin and client dashboards.
- Built the real-time layer end to end: live GPS trip tracking and an in-app chat (web and mobile) between operators, passengers, and drivers over custom Node.js socket services.
- Integrated mapping and geocoding APIs to support accurate route planning, location search, and precise map interactions across the platform.
- Shipped the passenger subscription flow (sign-up, package selection, PayTabs online payment) plus 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).

Senior Frontend Engineer / Frontend Team Lead — Untap, Cairo, Egypt *Dec 2022 - Apr 2026*

- Quickly became the primary frontend contributor and was promoted to Frontend Team Lead in January 2025, owning architecture decisions, code reviews, and engineer mentoring.
- Led frontend architecture for a multi-tenant SaaS platform serving competitions, innovation programs, and grant management, consolidating admin, customer portal, and public-site experiences into one Vue 3 codebase with dynamic routing.
- Designed the multi-tenant foundation for per-client theming, permission roles, and runtime configuration, supporting dozens of distinct client deployments from a single codebase.
- Delivered a schema-driven form builder and page builder on SurveyJS and GrapesJS, plus an AI layer that generates forms and pages from a prompt and screens participant submissions before judge review.
- Integrated Stripe so clients can charge participants for submissions.
- Reduced initial dashboard load time by 40% through Vite build optimization, route-level code splitting, and state-management refactoring.
- Owned frontend security remediation for the ISO 27001:2022 certification: moved auth tokens from localStorage to HTTP-only cookies and replaced vulnerable dependencies until the audit passed.

Founder & Full-Stack Engineer (Personal project) — Zads, Egypt *2024 - Present*

- 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.
- 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, shadcn/Tailwind 4), with HTTP integration tests run in GitHub Actions before each Vercel deploy. Source: github.com/SayedEsmail/zads.

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)