Karim Shalapy
Front-end Developer

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SUMMARY

Senior Frontend Developer with 4+ years of experience delivering performant, scalable web applications across e-commerce, travel, and SaaS sectors. Proven ability to lead projects end-to-end, mentor teammates, and refactor legacy systems for improved DX and performance. Comfortable working across modern stacks (React, Vue, Next.js, Astro) with strong focus on UI architecture, SSR, and CMS integrations. Available for remote roles worldwide, with a keen interest in relocation.

WORK EXPERIENCE

Frontend Developer, *Tangent* ↗   07/2024 — present
London, UK (Remotely)

- Contributed to 8+ cross-industry projects, consistently maintaining a 100% on-time delivery rate, even while handling up to 8 projects simultaneously.
- Standardised reusable component patterns across projects, reducing frontend development time by 30% on average for shared features.
- Improved onboarding speed for new developers by 40% by introducing internal UI documentation and consistent architectural conventions.
- Took ownership of refactoring legacy codebases across 5+ projects, improving performance and DX; proactively actioned 100% of flagged TODOs within sprint cycles while aligning with leads and PMs on scope and timing.

Frontend Developer, *TravelYalla (Part-Time)* ↗   09/2023 — 02/2025
Cairo, Egypt

- Built a high-performance SSR search platform for hotel and flight bookings as the sole developer.
- Improved load speed by 20% through SSR and API optimisations.
- Increased user engagement by 25% with a modern UI and payment integration.

Front-end Developer, *Brave Bison* ↗   09/2023 — 07/2024
London, UK (Remotely)

- Leveraged composable architecture with Alokai, BigCommerce Catalyst, and Shopify Hydrogen to build performant e-commerce applications.
- Assumed team leadership responsibilities following the departure of the front-end lead, achieving a 20% reduction in project delivery time.
- Provided mentorship to colleagues on the Alokai stack, including delivering presentations and directly guiding developers working on Alokai projects.

Front-end Developer, *Robusta Studio* ↗   05/2022 — 09/2023
Cairo, Egypt

- Produced, maintained, and modified more than 8 websites and user interfaces using Vue, Nuxt, Astro, Typescript, and React.
- Ensured websites were accessible across multiple platforms, including laptops and smartphones or any screens less than 768px wide.
- Refactored unclean code which boosted performance by around 30% while enhancing the developer experience.
- Reduced website loading by more than 50% by optimizing network requests.

JavaScript Developer, *Nagwa Limited* ↗   03/2021 — 05/2022
Cairo, Egypt

- Wrote modern, performant, maintainable code for more than 4 B2B and B2C projects.
- Worked with React, Typescript, Mathlive, and Slate.js to make bidirectional web apps and tools.
- Produced 10+ physics simulation mini-games using JavaScript and the Canvas API.
- Integrated with Mobile Apps using WebViews in more than 3 apps.

HIGHLIGHTED PROJECTS

Reed, *Work Project* ↗   07/2024 — Present

- Main developer across 6 monolithic frontend projects under the Reed account, leading implementation and delivery end-to-end.
- Integrated a custom GoCardless payment provider into Shopify's frontend app, handling all sync points and failure cases—delivered ahead of deadline with 0 bugs reported by QA or the client.

- Reduced GraphQL query sizes by 50% via proper query fragmentation, improving load times and API communication.
- Technologies: Next.js, React, GraphQL, SCSS, Contentful, Shopify, Swiper.js

Tangent Website, *Work Project* ↗   07/2024 — Present
- Improved cursor responsiveness and project performance by over 90%, eliminating jank and dropped frames by building a lightweight vanilla JS implementation with zero re-renders.
- Rebuilt the carousel with Framer Motion, removing Swiper and cutting animation-related bundle size by ~25%.
- Customized and extended 10+ components from Umbraco CMS to support dynamic content layouts and advanced UI behaviours with full responsiveness.
- Technologies: Next.js, GraphQL, TypeScript, SCSS, Framer Motion, Hubspot, Umbraco

Winparts, *Work Project* ↗   09/2023 — 07/2024
- Achieved a 50% speed boost in the Product Listing Page (PLP) by optimizing Elasticsearch queries using the Elasticsearch SDK.
- Successfully customized the Alokai SAP CC integration to match the client's legacy system requirements seamlessly.
- Collaborated effectively with Alokai to resolve bugs in their implementation, improving communication and development speed across all parties.
- Technologies: Alokai, Storefront UI, Next.js, TailwindCSS, Tanstack Query, React Hook Forms, Yup, i18next, Storyblok.

Hyperone, *Work Project* ↗   08/2022 — 01/2023
- Fixed numerous issues in the landing page and the checkout cycle which enhanced the user experience a lot.
- Introduced more than new 5+ big features to the checkout cycle like the loyalty points system which boosted the sales of the company.
- Solo-developed the showroom app to be used in their offline stores which increased total sales by 20% for the client.
- Technologies: Nuxt.js, Vue.js, GraphQL, Villus, TailwindCSS, Swiper.

PUBLICATIONS

React.FC is better than you think! ↗   11/2024
Explores the evolution of React.FC with modern TypeScript and React versions, debunking outdated misconceptions and presenting practical use cases and trade-offs.

How to make a Curved Cutout to any element ↗   10/2022
Talks about creating a curved cutout to any element using only HTML and CSS while keeping it responsive.

SKILLS

HTML | JavaScript | TypeScript | React | Next | Vue | Solid.js | Nuxt | Astro | Redux | Redux Toolkit |
CSS | Sass/SCSS | PostCSS | Tailwind CSS | Radix UI | ShadCn | GraphQl | Apollo/client | LaTeX |
MathLive | MathJax | Firebase | Slate | Express | Node JS | Vitest | Jest | Data structures & Algorithms | Git |
Tanstack Query | React Hook Forms | Shopify | Hubspot | Umbraco | Contentful | Storyblok

EDUCATION

Bachelor's Degree in Metallurgical Engineering, *Suez University* ↗   2012 — 2017
                                                                              Suez, Egypt

LANGUAGES

- English   - Arabic