Karim Shalapy
Front-end Developer

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Summary

A front-end developer with 3+ years of experience building quality web apps and tools for B2B and B2C products, and e-commerce platforms. Committed to delivering high-quality products and actively shares technical knowledge through talks and blog posts. Eager to explore new opportunities and continue growing in the field.

Professional Experience

07/2024 — present   **Frontend Developer,** *Tangent* ⧉   London, UK (Remotely)
- Develop and maintain responsive web applications, ensuring optimal performance and user experience.
- Collaborate with cross-functional teams, including designers and backend developers, to implement new features and improve existing functionalities.

09/2023 — 07/2024   **Front-end Developer,** *Brave Bison* ⧉   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.

09/2023 — present   **Frontend Developer,** *TravelYalla (Part-Time)* ⧉   Cairo, Egypt
- Leading the re-platforming of TravelYalla's website, leveraging cutting-edge technologies to enhance user experience and performance.
- Developing a comprehensive dashboard application using modern tools for efficient order management by admins

05/2022 — 09/2023   **Front-end Developer,** *Robusta Studio* ⧉   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.

03/2021 — 05/2022   **JavaScript Developer,** *Nagwa Limited* ⧉   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.

Projects

09/2023 — 07/2024   **Winparts,** *Work Project* ☐
- 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.

11/2022 — 09/2023   **Vodafone Ta3limy,** *Work Project* ☐
- Maintained the old version of the app, and introduced new features to it incrementally.
- Integrated with Sentry to upload the source maps of the project automatically decreasing the debugging time by 90%.
- Segregated and assigned team members the production Sentry issues dropping unhandled errors to 0 and improving the uptime to 99%.
- Reduced loading time until first paint from over 10 seconds to less than 2 using loading skeletons.
- Technologies: React, Typescript, PostCSS, Apollo, Sentry, Vite.

08/2022 — 01/2023   **Hyperone,** *Work Project* ☐
- 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

10/2022   **How to make a Curved Cutout to any element** ☐
I published this article on dev.to and medium about creating a curved cutout to any element using only HTML and CSS while keeping it responsive.

Skills

HTML | JavaScript | TypeScript | React | Next | Vue | Nuxt | Astro | Redux | Redux Toolkit | CSS | Sass/SCSS | PostCSS | Tailwind CSS | GraphQl | Apollo/client | LaTeX | MathLive | MathJax | Firebase | Slate | Express | Node JS | Vitest | Jest | Git | Data structures & Algorithms

Education

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

Languages

- English   - Arabic