

# Karim Shalapy

## Front-end Developer

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### Summary

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A front-end developer with 2+ years of experience building quality web apps and tools for B2B and B2C products. 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

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|-------------------|--|--------------|
| 05/2022 – present | <b>Front-end Developer, Robusta Studio</b> <a href="#">🔗</a><br><ul style="list-style-type: none"><li>- Produced, maintained, and modified more than 8 websites and user interfaces using Vue, Nuxt, Astro, Typescript, and React.</li><li>- Ensured websites were accessible across multiple platforms, including laptops and smartphones or any screens less than 768px wide.</li><li>- Refactored unclean code which boosted performance by around 30% while enhancing the developer experience.</li><li>- Reduced website loading by more than 50% by optimizing network requests.</li></ul> | Cairo, Egypt |
| 03/2021 – 05/2022 | <b>JavaScript Developer, Nagwa Limited</b> <a href="#">🔗</a><br><ul style="list-style-type: none"><li>- Wrote modern, performant, maintainable code for more than 4 B2B and B2C projects.</li><li>- Worked with React, Typescript, Mathlive, and Slate.js to make bidirectional web apps and tools.</li><li>- Produced 10+ physics simulation mini-games using JavaScript and the Canvas API.</li><li>- Integrated with Mobile Apps using WebViews in more than 3 apps.</li></ul>  | Cairo, Egypt |

### Projects

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|-------------------|--|
| 11/2022 – present | <b>Vodafone Ta3limy, Work Project</b> <a href="#">🔗</a><br><ul style="list-style-type: none"><li>- Maintained the old version of the app, and introduced new features to it incrementally.</li><li>- Integrated with Sentry to upload the source maps of the project automatically decreasing the debugging time by 90%.</li><li>- Segregated and assigned team members the production Sentry issues dropping unhandled errors to 0 and improving the uptime to 99%.</li><li>- Reduced loading time until first paint from over 10 seconds to less than 2 using loading skeletons.</li><li>- Technologies: React, Typescript, PostCSS, Apollo, Sentry, Vite.</li></ul> |
| 08/2022 – 01/2023 | <b>Hyperone, Work Project</b> <a href="#">🔗</a><br><ul style="list-style-type: none"><li>- Fixed numerous issues in the landing page and the checkout cycle which enhanced the user experience a lot.</li><li>- Introduced more than new 5+ big features to the checkout cycle like the loyalty points system which boosted the sales of the company.</li><li>- Solo-developed the showroom app to be used in their offline stores which increased total sales by 20% for the client.</li><li>- Technologies: Nuxt.js, Vue.js, GraphQL, Villus, TailwindCSS, Swiper.</li></ul>   |

08/2022 – 11/2022

**OneSight, Work Project** [↗](#)

- Refactored the code in multiple locations to be cleaner and more concise which enhanced the overall developer experience.
- Made all the tables in the app comparable with other tables in one view which sped up the comparison process by 90%.
- Technologies: React, Formik, Yup, i18next, Chart.js, TypeScript.

10/2022 – 12/2022

**Voom, Work Project**

- Developed new features for the seller and trader platforms to ease the auctioning process between them.
- Fixed and handled 100% of the client's errors and feedback on the already existing app on Freshdesk.
- Technologies: React, TypeScript, Parcel, React Hook Forms, Yup, React PDF.

11/2021 – 04/2022

**Nagwa Readers Engine, Work Project** [↗](#)

- Created the engine running the app that splits the story's content into multiple pages and increased searching speed for a word by more than 90% by implementing a binary search algorithm.
- Constructed a simple API to use 100% of the app's features.
- Documented 100% of the app's features and the API guides.
- Technologies: Vanilla Javascript, CSS.

07/2020 – 11/2020

**Slippers React, Personal Project** [↗](#)

- Website created using React and Typescript to replicate a famous Ecommerce store.
- Github repo: <https://github.com/karimshalapy/slippers-react> [↗](#).
- Technologies: React, Redux, Typescript, SCSS, Firebase.

## Publications

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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

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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

## Certificates

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- Web Development Professional Certificate [↗](#)
- The Complete JavaScript Course Certificate [↗](#)
- Advanced CSS and Sass Course Certificate [↗](#)
- JavaScript Algorithms and Data Structures Masterclass Certificate [↗](#)
- React - The Complete Guide Course Certificate [↗](#)
- Understanding TypeScript Course Certificate [↗](#)

## Education

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2012 – 2017

**Bachelor's Degree in Metallurgical Engineering,**  
Suez University [↗](#)

Suez, Egypt

## Languages

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- English
- Arabic