

# Mahmoud Rizk

## FULL STACK WEB DEVELOPER

### SUMMARY

A passionate Full-Stack Web Developer with 2 years of tech experience. 7+ years of Business, Entrepreneurship, and Training background. Strong focus on code quality and collaborative teamwork with 40+ projects completed. Building an open-source refugee recruitment platform, driven by technology's social impact.

### TECH EXPERIENCE

#### Self-Employed

##### **Full Stack Web Developer**, January 2022 – Present

- Developed 40+ projects with diverse tech stacks, including Ruby on Rails, React.js, Next.js, Redux, JavaScript, TypeScript, HTML5, CSS3, TailwindCSS, Sass, various libraries, custom-built APIs, open-source APIs, and more.
- Collaborated with international teams on design and development processes.
- Conducted code reviews, facilitated live coding sessions, and embraced pair-programming promoting collaborative problem-solving, knowledge sharing, and continuous improvement.

#### [Sifi](#), **Freelance**, *Remote*

##### **Front-End Web Developer**, April 2022 – June 2023

- Developed 100+ complex responsive pages with different access and authorization levels using testable reusable components built with React, Next.js, JavaScript, Typescript, Redux, Tailwind, and Sass for user and admin portals in less than 8 months, saving 6 months of development time.
- Designed and optimized an automated Integration system using Redux Toolbox, Redux-Saga, and Context API for internally developed API endpoints, and global authorization and authentication across all portals.

#### [Apacere Refunds](#), **Freelance**, *Remote*

##### **Front-End Web Developer, Intern**, March 2022 – July 2022

- Led the Development of the Merchant Portal; main view, using React, Redux Less, and ANT Design.
- Suggested and implemented a new code review policy to improve code quality and foster cross-team alignment.
- Designed and Integrated the payment gateway using Stripe and a custom-built authentication gate across all views.

#### [Microverse](#), *Remote*

##### **Mentor, Volunteer**, February 2022 – November 2023

- Mentored and supported 6 junior web developers through regular code reviews and weekly consultation meetings, providing technical guidance and fostering their professional growth.
- Identified opportunities to enhance code quality and performance by proposing improvements to code organization, ensuring efficient and optimized development processes.

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[GitHub](#) | [LinkedIn](#)

[Portfolio](#) | [Medium](#)

### SKILLS

**Front-End:** JavaScript, React, Next.js, Redux, jQuery, Typescript, HTML5, CSS3, Bootstrap, TailwindCSS, Sass, React Testing Library, Jest, Framer-motion

**Back-End:** Ruby, Rails, MySQL, PostgreSQL, React Charts, CanCanCan, Rest API, API Documentation, Device, RSpec, Capybara

**Tools & Methods:** Git, GitHub, Netlify, Mobile First Development, Unit testing, Mobile/Responsive Development, TDD, Chrome Dev Tools, High Availability, Microservices

**Professional:** Remote Pair-Programming, Agile, Scrum, Code Review, Teamwork, Mentoring, Training, Research.

**Languages:** English, Arabic.

### PROJECTS

#### **Grandeur**

• LIVE 

A sophisticated Real Estate platform designed to seamlessly connect buyers and sellers, streamlining the process of booking check-up visits to captivating properties.

**Built with:** Ruby-on-Rails, PostgreSQL, React, Redux, Typescript, Bootstrap, and Tailwind CSS.

## EDUCATION AND CERTIFICATION

[Microverse](#), Full Time 

### Remote Full Stack Web Development Program

Front-End: January 2022 - April 2022

Back-End and Full Stack: August 2023 - November 2023

- Invested over 1300 hours in mastering algorithms, data structures, and full-stack development, while actively working on projects utilizing Ruby, Rails, SQL, JavaScript, React, and Redux.
- Developed proficiency in remote pair-programming methodologies, leveraging GitHub, industry-standard gitflow, and scrum to effectively communicate and collaborate with remote developers from around the world.

[Cairo University](#), September 2017 – June 2022

### Bachelor of Commerce

- Major in Accounting and Finance.

### Expensable • LIVE

A Mobile-based Web Application for expense categorization and tracking.

**Built with:** Ruby-on-Rails, PostgreSQL, Device, and CanCanCan.

### Bookstore • LIVE

A web app to save your booklist and keep track of your progress for each book.

**Built with:** React.js, Redux, Open-source API, CSS3.