

# Salem Mamdouh Salem

## Front-end Developer

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## OBJECTIVE

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Motivated Front-end developer who loves making websites look great and work smoothly. Skilled at creating user-friendly web. Seeking a team where I can bring my enthusiasm and skills to create awesome online experiences together.

## EDUCATION

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Bachelor of Computer Science, CIS - New Cairo Academy

Present  
New Cairo, Egypt

## PROJECTS

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### FreashCart [🔗](#)


- A modern e-commerce web application
- Led the development of high-performance, responsive web interfaces using **Next.js**, delivering smooth and consistent user experiences across all
- Managed complex application states (cart, wishlist) using **Redux** Toolkit, ensuring seamless state flow and performance.
- Utilized **TypeScript** for type-safe development, reducing bugs and enhancing code maintainability
- Styled modern UI components with **Tailwind CSS** and **Shadcn UI**, creating elegant, responsive, and accessible interfaces.
- Used **Zod** with **React Hook Form** to implement robust form validation, enhancing user input reliability and developer efficiency.
- Implemented advanced filtering and search functionalities to improve data discoverability and enhance user experience.
- Implemented internationalization (**i18n**) to support both Arabic and English languages.

### Live Docs [🔗](#)

- A real-time collaborative document editing web app.
- Built using **Next.js** for server-side rendering and optimized routing.
- Utilized **TypeScript** for type-safe development, reducing bugs and enhancing code
- Styled the UI with **Tailwind CSS** and **Shadcn UI** for clean, responsive, and accessible design.

- Integrated **Clerk** for authentication, user management, and secure access control.
- Implemented **Liveblocks** to enable real-time collaboration between multiple users.
- Supported multi-user document editing with cursor presence and live changes.
- Enabled secure sharing of documents with dynamic session-based access.
- Focused on performance and smooth UX across all devices and screen sizes.

### CryptoTrachker.

- A responsive crypto dashboard for real-time market insights and data visualization.
- Built with **React** and **TypeScript** to ensure scalable and type-safe code structure.
- Used **Material UI (MUI)** for clean, consistent, and responsive UI components.
- Styled with **CSS** for custom visual tweaks and layout control.
- Integrated **Chart.js** to display dynamic, interactive charts of live cryptocurrency prices and trends.
- Fetched real-time market data using the **CoinGecko API** to keep users up to date with accurate prices 

### Tamyoze App

- A government management platform that enhances workflows and improves the user experience across multiple entities.
- Developed a responsive government management website using **Next.js** for server-side rendering and optimized routing.
- Styled the interface with **Tailwind CSS** and **Shadcn UI** for clean, modern, and accessible designs.
- Managed application state with **Redux Toolkit**, ensuring smooth user interactions and data consistency.
- Integrated **Tankstack** for advanced data management and seamless backend communication.
- Improved user experience and streamlined workflows for multiple government entities, enhancing overall efficiency.

### Salem Mamdouh Website (My Portfolio)

- Built with **Next.js** for fast and optimized server-side rendering.
- Used **TypeScript** for type safety and better maintainability.
- Styled with **Tailwind CSS** for responsive, custom layouts, and **Shadcn UI** for sleek, modern UI components.
- Implemented internationalization (**i18n**) to support both Arabic and English languages.

## TECHNICAL SKILLS

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### Software Engineering

- *OOP*

### Software Principels

- *Problem Solving*
- *Clean Code*

## WEB DEVELOPMENT SKILLS

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- *HTML*

- *CSS*

- *Sass*

- *Shadcn UI*

- *Tailwind*

- *Bootstrap*

- *Material UI*

- *UI libraries*

- *Redux*

- *JavaScript*

- *TypeScript*

- *React.js*

- *Next.js*