

YASER SHAKFA

Software Engineering Student (L 4) | Front – End Developer

Gaza, Palestine

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All My Important Projects: <https://github.com/YA-A-SH>

LinkedIn: linkedin.com/in/ya-a-sh-4494743a3

My Portfolio: <https://protofolyo-chi.vercel.app>



Summary

Front-End Developer and Software Engineering student with a strong foundation in building scalable, production-ready web applications. Specialized in the React ecosystem with a deep understanding of hooks behavior, state management, rendering optimization, and clean architectural patterns. Experienced in implementing performance optimization techniques, advanced frontend design patterns, and secure authentication flows in real-world projects .

Education

Bachelor of Software Engineering | University of Palestine 2022 – Present

- **Core Academic Foundation:**

Software Engineering fundamentals, Object-Oriented Programming, Data Structures, Databases, Operating Systems, Computer Networks, and Software Architecture.

- **Web & UI Related Coursework:**

Web Development, Human-Computer Interaction (HCI), UI/UX principles, and frontend fundamentals.

- **Advanced Focus (Self-Directed Learning & Projects):**

Specialized in modern Frontend development using React, focusing on scalable application architecture, frontend design patterns, performance optimization, and clean code practices through real-world projects.

TECHNICAL Skills

◆ Frontend Architecture & Patterns

- ❖ Designed scalable React applications using Container / Presenter, Custom Hooks, and Feature-based folder structure.
- ❖ Applied Frontend Design Patterns to separate UI, logic, and data layers.

◆ State Management & Data Flow

- ❖ Managed global state using Redux Toolkit (Slices).
- ❖ Implemented server-state handling and caching with RTK Query.
- ❖ Handled derived and Memoized state to prevent unnecessary re-renders.

◆ Performance Optimization

- ❖ Optimized React performance using useMemo, useCallback, and React.memo.
- ❖ Prevented stale state and unnecessary re-renders through proper dependency management.
- ❖ Implemented lazy loading with React.lazy and Suspense.

◆ Authentication & Security

- ❖ Implemented complete Authentication Flows with protected routes.
- ❖ Managed user sessions and access control for both user and admin dashboards.
- ❖ Handled logout, password reset, and role-based route protection.

◆ UI / UX Engineering

- ❖ Built responsive and accessible UI using Material UI.
- ❖ Implemented Skeleton loading, global Snack bar system, and smooth page transitions.
- ❖ Designed and implemented dark/light mode support.

◆ Internationalization (i18n)

- ❖ Implemented bilingual (EN / AR) localization using i18n.
- ❖ Created culturally adapted content instead of literal translations.
- ❖ Managed thousands of localized strings across user and admin interfaces.

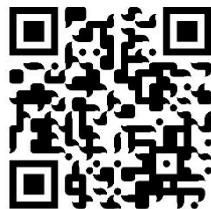
◆ Tooling & Workflow

- ❖ API integration using Axios and Postman.
- ❖ Version control using Git & GitHub.
- ❖ Deployed production-ready applications using Vercel.

TECHNICAL Projects

2025 -> Present

Res Pro



Restaurant Management System (Full-Stack Logic)

- **Comprehensive Architecture:** Engineered a high-performance web application featuring a dual-interface system: a sophisticated customer-facing storefront and a robust private Admin Dashboard.
- **Advanced State Management:** Architected a centralized data store using **Redux Toolkit (RTK)** with a modular slice pattern and implemented **Normalized State** structures to ensure data consistency and optimized access.
- **Performance Engineering:** Drastically reduced unnecessary re-renders by implementing **Memoized Selectors (Reselect)** and leveraging advanced React hooks (`useMemo`, `useCallback`, `useRef`) for complex computations.
- **Secure Infrastructure:** Integrated **Firebase Authentication** with custom-built **Protected Routes**, ensuring secure access for users and a private code-guarded entry for administrators.
- **Localization & i18n:** Developed a seamless multilingual experience (English/Arabic) with over **5,000 localized entries**, focusing on cultural adaptation and RTL (Right-to-Left) layout optimization rather than literal translation.
- **Modern UX/UI:** Replaced traditional loaders with **Skeleton Screens** and utilized **Framer Motion** for fluid page transitions, enhancing the overall perceived performance and user engagement.
- **Scalable Codebase:** Applied the **Container/Presenter pattern** to decouple business logic from UI components, maintaining a clean, scalable, and testable codebase.
- **API Integration:** Successfully orchestrated data from three disparate APIs into a unified UI, handling complex side effects and asynchronous data fetching with **RTK Query** and **CreateAsyncThunk**.