

Maged Maher AboElkhel

Alexandria, Egypt | +20 101 745 9123 | magedmaher602@gmail.com
linkedin.com/in/maged-maher | github.com/MagedMaher550

PROFESSIONAL SUMMARY

Frontend Engineer specializing in React, Next.js, TypeScript, RTK Query, and RHF. Delivered 25% faster load times, 30% fewer API calls, and stronger CI/CD reliability through Cypress E2E automation and scalable frontend architecture.

Technical Highlights

Frontend architecture, reusable component systems, scalable UI patterns, API integration workflows, client-side caching (RTK Query), form validation (RHF + Zod/Yup), performance optimization, state management (Redux Toolkit, Zustand), E2E automation (Cypress), CI/CD workflows (GitHub Actions), responsive UX, accessibility (a11y), multi-portal SaaS development, real-time interfaces (WebSockets)

PROFESSIONAL EXPERIENCE

Frontend Engineer - Tech Hive

November 2023 - Present, Alexandria

- Optimized multi-portal filtering, lowering latency **25%** and cutting redundant API calls **40%** using RTK Query caching.
- Built dashboards and authentication flows improving task completion **30%** across three SaaS portals.
- Automated E2E test cases with Cypress, increasing regression detection **30%** and stabilizing CI/CD releases.
- Standardized component patterns and API practices through structured code reviews.

Fullstack Intern (.NET + AngularJS) - Information Technology Institute (ITI)

July 2023 - November 2023, Alexandria, Egypt

- Developed AngularJS components and modular routing for maintainable UI architecture.
- Built REST APIs with server validation and SQL-backed data models.
- Debugged client-server failures via log analysis and network tracing.
- Implemented authentication, and deployment pipeline basics.

Frontend Intern - Information Technology Institute (ITI)

July 2019 - September 2019, Alexandria, Egypt

- Created e-commerce pages using React with listing, cart, and CRUD flows.
- Delivered responsive, accessible layouts supporting core user actions.
- Improved UI performance through focused DOM and rendering tweaks.

PROJECT EXPERIENCE

Evicare (Tech Hive)

- Engineered dashboards, authentication flows, and form workflows for three SaaS portals.
- Applied client caching to minimize API calls and improve responsiveness.
- Designed RHF components with Zod/Yup validation patterns.
- Maintained Cypress E2E coverage ensuring stable releases.

AppAsap(Tech Hive)

- Reworked UI layouts for better clarity, responsiveness, and user flow.
- Optimized performance using client-side caching strategies.
- Built a real-time WebSocket chatbot for dynamic updates.
- Produced React Flow diagrams for architecture visualization.

Ask Wafi(Tech Hive)

- Built complete React/Next.js frontend with multi-session logic and diagram workflows.
- Implemented subscription, recommendation, and account features.
- Ensured responsiveness across all screen sizes.

SAL(Tech Hive)

- Developed group-sharing features with multi-user permission controls.
- Implemented trial validation and secure authentication flows.
- Created reusable UI components aligned with scalable patterns.

PERSONAL PROJECTS

Learn Spanish App

- Built responsive lesson screens and vocabulary workflows supporting structured language learning.

Zones Delivery App

- Developed delivery-zone management with interactive maps and selectable coverage regions.

Guttin Language App

- Created a bi-directional alphabet translator converting Guttin symbols and English.

EDUCATION

B.Sc. in Computer Science

Faculty of Science, Alexandria University – Egypt (2017 – 2021)

CGPA: 3.1 / 4

- Relevant coursework: Algorithms, Data Structures, Operating Systems, Networking, Databases.
- Completed academic projects demonstrating applied problem-solving and core engineering principles.

TECHNICAL SKILLS

Frontend Frameworks & Libraries:

React, Next.js, JavaScript (ES6+), TypeScript, React Hook Form, Zod, Yup, React Flow, Redux, Redux Toolkit, RTK Query, Zustand, Context API

UI / Styling & Design Systems:

Material-UI (MUI), shadcn/ui, Chakra UI, Tailwind CSS, Bootstrap, CSS3, Flexbox, Grid, Responsive Design, Accessibility (a11y), Component Libraries, Design Systems

Testing & Quality Engineering:

Cypress (E2E), Jest, Vitest, Testing Library, Integration Testing, Unit Testing, Automation Workflows, Mocking Frameworks

Backend & API Integration:

Node.js, Express.js, .NET (basic), REST APIs, RESTful Services, API Schema Design, Prisma, MySQL, PostgreSQL, MongoDB

DevOps, Tooling & Delivery:

Git, GitHub, GitHub Actions (CI/CD), Docker, Vercel, Build Pipelines, Deployment Automation, Prettier, ESLint

Programming Languages:

Java, C++, Python, Dart, C#

Languages

- Arabic (Native), English (C1), Spanish (A2)