

Maged Maher AboElkhel

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PROFESSIONAL SUMMARY

Frontend Engineer with extensive experience building multi-portal, production-scale applications using React and Next.js. Strong background in reusable component architecture, performance optimization, complex workflow engineering, and API integration. Skilled at delivering polished interfaces, improving system reliability, and collaborating across backend, product, and design teams. Brings solid backend fundamentals and a fast, execution-focused delivery style aligned with modern engineering standards.

EXPERIENCE

Frontend Engineer

Tech Hive

November 2023- Present, Alexandria

- Implemented filtering systems, search workflows, caching strategies, and reusable UI components across several portals.
- Delivered dashboards, authentication flows, backend-integrated modules, and cross-portal workflows.
- Built Cypress E2E test suites ensuring regression-free deployments.
- Performed code reviews and aligned coding standards across the engineering team.

Fullstack Intern (.NET + AngularJS)

Information Technology Institute (ITI)

July 2023 - November 2023, Alexandria, Egypt

- Developed fullstack applications using AngularJS and .NET, implementing modular routing and component patterns.
- Designed REST APIs, handled server-side validation, and integrated SQL-based persistence.
- Worked with authentication workflows, role-based access, and deployment environments.
- Strengthened debugging and networking skills through log analysis and request tracing.

Frontend Intern

Information Technology Institute (ITI)

July 2019 - September 2019, Alexandria, Egypt

- Built a fully functional e-commerce frontend using React, jQuery, and FakeJSON backend simulation.
- Implemented product browsing, cart management, and CRUD workflows with responsive UI.
- Practiced DOM optimization, accessibility basics, and modern frontend patterns.

PROJECTS

Evicare (Tech Hive)

- Built dashboards, authentication flows, advanced filtering, and multi-step form workflows across 3 portals.
- Implemented caching layers to improve responsiveness and reduce redundant API calls.
- Developed reusable RHF + Zod/Yup form systems integrated with backend validation.
- Delivered Cypress E2E coverage improving deployment stability.

AppAsap(Tech Hive)

- Redesigned UI for improved usability and responsiveness. Implemented caching layers to improve responsiveness and reduce redundant API calls.
- Built a real-time socket-powered chatbot enabling conversational updates.
- Implemented React Flow diagramming for modeling generated app structures.
- Created landing pages displaying user applications and metadata.

Ask Wafi(Tech Hive)

- Sole frontend engineer responsible for complete UI, multi-session logic, diagrams, and sharing flowsBuilt a real-time socket-powered chatbot enabling conversational updates.
- Built subscription management, recommendations, and account settings modules.

SAL(Tech Hive)

- Developed group-sharing features with multi-user permission logic.
- Implemented trial validation and secure authentication flows.
- Built advanced reusable components supporting scalable UI patterns.

Personal Projects (Selected)

- **Learn Spanish App** - Lesson interfaces, vocabulary workflows, responsive UI.
- **Zones Delivery App** - Delivery zone management, with interactive maps and zone picking.
- **Guttin Language** - A complete custom-language app with its own alphabet translator and English converter. Features bi-directional translation between Guttin symbols and English.

EDUCATION

B.Sc. in Computer Science

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

CGPA: 3.1 / 4

- Coursework: Algorithms, Data Structures, Operating Systems, Networking, Databases.
- Completed multiple academic projects demonstrating applied engineering principles.
- Strengthened analytical and problem-solving foundations.

SKILLS

Programming Languages: Java, C++, C#, JavaScript, Dart, Python

Frontend: React.js, Next.js, TypeScript, RTK Query, React Hook Form, Zod, Yup, React Flow, Axios, Fetch API

UI Libraries: shadcn/ui, Chakra UI, Tailwind CSS, Bootstrap, Material UI

State Management: Redux, Redux Toolkit, Zustand, Context API

Testing: Cypress, Jest, Vitest

Backend Fundamentals: Node.js, Express.js, Prisma ORM, MySQL, Oracle sql, Mongo Database, postgresql

Tools: Git, GitHub, Figma, Adobe XD

Languages

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