Merna Tarek Abou El Sood
Software Engineer

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CAREER OBJECTIVE

Front-End Developer skilled in React, JavaScript, TypeScript, and Next.js, with experience building responsive, clean-code web apps in Agile, international teams. Strong communication and collaboration skills.

EDUCATION

Bachelor of Communication and Computer Engineering   [2017 – 2022]
Mansoura University, Egypt
CGPA: 3.00/4.00 (Very Good)
Graduation Project: Structure Health Monitoring Using Wireless Sensor Network (A+)

EXPERIENCE

React Developer - Digital Hub (Full-Time, Hybrid)   [Nov 2024 – Present]

- React Developer focusing on front-end development within the Agile software team.
- Contributed to multiple projects from the initial planning through to production deployment.
- **EduNas-System** ⬈ Developed the front-end of a full-stack educational platform admin panel from scratch, managing courses, workshops, trainings, and organization-to-instructor interactions, with multi-role permissions, OTP authentication, multi-step content creation, event scheduling, real-time dashboards, payment integration, and real-time community chat.
- **AIO-System** ⬈ Business automation platform with analytics dashboards and secure access.
- Focused on performance optimization, scalable components, and clean code practices.
- **Stack**: React, JavaScript, Tailwind, AntD, SWR, Axios, Redux Toolkit, SonarQube, Socket.IO

Software Engineering Intern - VOIS Explore 2024 Program (Vodafone Intelligent Solutions)   [Aug 2024 - Oct 2024]

- React Developer in the App & E2E Testing team within a global Agile team.
- Developed the Ichor web app using React, TypeScript, Material UI, and Redux Toolkit.
- Built reusable components with React Hooks and tested features using Cypress.
- Participated in sprints planning and daily stand-ups with international teams.

DIPLOMAS AND TRAINING COURSES

Information Technology Institute ITI – MEAN Stack Developer Track   [July 2022 – Oct 2022]
ITIDA: InnovEgypt Entrepreneurship program, Developed a Final app for a Potential Startup   [Nov 2022 – Dec 2022]
Route Academy Diploma: MERN Full Stack Web Development   [Nov 2023 – July 2024]

TECHNICAL SKILLS

• ReactJS	• TypeScript	• Next.js	• Tailwind CSS	• Sass	• Git/GitHub
• JavaScript	• Material UI	• Redux Toolkit	• HTML/CSS	• Regex	• SonarQube
• Cypress/Jest	• Testing Library	• React Query	• Context Api	• Node.js	• Agile Methods

PROJECTS

Wild Oasis Website ⬈   Full-Stack app featuring (SSR) for booking cabins using Next.js, React, Supabase, Context Api, Tailwind.

Pizza Store App ⬈   Responsive React app including menu, cart, user orders, using Redux Toolkit, React Router, Tailwind.

E-commerce App ⬈   Responsive React app featuring products, cart, wishlist using Bootstrap, Context API, React Query.

LANGUAGES

• Arabic-Native   • English-Fluent (C1)