

Mohamed Khalel

React Front-End Developer

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SUMMARY

Front-End Developer with hands-on experience building responsive and scalable web applications using React and modern JavaScript (ES6+). Skilled in REST APIs, state management, and component-based architecture. Focused on performance optimization, clean code, and delivering high-quality user experiences.

TECHNICAL SKILLS

Languages & Frameworks: HTML5, CSS3, JavaScript (ES6+), TypeScript, React, Bootstrap

State & Data Management: React Context API, React Query (Tanstack)

Routing: React Router

APIs & Async: REST APIs, Axios, Async/Await, Promises

UI Libraries: React Slick, SwiperJS

Tools: Git, GitHub, VS Code

Concepts: Responsive Design, Component Architecture, Clean Code, UI/UX Principles, Performance Optimization, API Integration, Error Handling

PROJECTS

E-Commerce Web Application

- Built a full-featured e-commerce application using React and JavaScript.
- Implemented authentication (JWT) and protected routes.
- Developed product catalog, filtering, and product details pages.
- Built shopping cart functionality (add, update, delete) with real-time updates using Context API.
- Integrated Stripe payment and checkout flow.
- Used React Query for efficient API data fetching and caching.
- Applied Formik & Yup for form validation.
- Improved user experience with responsive design and dynamic UI updates.

Weather App

- Built a **responsive weather application** with real-time data from WeatherAPI, featuring **auto-detect geolocation** with fallback handling.
- Implemented **dynamic search with auto-suggestions** (triggers on 3+ characters) using Fetch API and Async/Await.
- Displayed **3-day forecast** with dynamic dates, weather conditions, and icons fetched from API.
- Added **mobile-responsive hamburger navigation**.
- Handled **error cases gracefully** (fallback to default city on geolocation denial).

GitHub: <https://github.com/medokalel/weather-forecast-app>

Live Demo: <https://medokalel.github.io/weather-forecast-app/>

DevFolio Portfolio Website

- Developed a fully responsive portfolio website using HTML5, CSS3, Bootstrap 5, and JavaScript.
- Implemented interactive UI features such as typing animation, active navigation highlighting, and smooth scrolling.
- Integrated SwiperJS to create dynamic testimonial sliders.
- Built reusable and structured components with clean and maintainable code.
- Enhanced user experience with responsive design and modern UI practices.

GitHub: <https://github.com/medokalel/devfolio-portfolio>

Live Demo: <https://medokalel.github.io/devfolio-portfolio/>

WORK EXPERIENCE

Digital Egypt Pioneers Initiative (DEPI) – Frontend React Track Trainee | Oct 2025 – Present

- Built real-world web applications using React and modern JavaScript.
- Integrated REST APIs and handled asynchronous data efficiently.
- Managed application state using Context API.
- Implemented dynamic features such as authentication and cart management.
- Applied clean code practices, debugging, and performance optimization.

EDUCATION

Bachelor's Degree | Higher Institute of Engineering and Technology – Tanta

2023 - 2028

Department: Communications and Computers

LANGUAGES

- Arabic (Native)
- English (Professional Working Proficiency)