

# Mohamed Reda Mohamed

## Frontend Developer

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### Profile

Dynamic and user-focused Front-End Developer with expertise in crafting visually compelling and responsive interfaces using Figma for UI/UX design. Proficient in integrating RESTful APIs and building scalable web applications with modern technologies including React, TypeScript, and Material UI. Demonstrates a strong ability to translate complex requirements into intuitive, user-friendly designs, ensuring seamless functionality and performance.

### Education

#### Bachelor's in Computer Science

Misr Higher Institute of Commerce and Computers, Mansoura, Egypt | 2018 - 2022

### Internships

#### Job Simulation Bootcamp - Upskilling Academy | October 2024 - January 2025 [🔗](#)

Completed the BART Job Simulation Bootcamp, developing four substantial projects using React, TypeScript, MUI, Tailwind, and Bootstrap. Enhanced skills in GitHub for managing complex, collaborative development workflows.

#### Advanced Front-End Development Certification – Upskilling Academy | September 2024 - November 2024 [🔗](#)

Developed enterprise-level projects, focusing on API integration and advanced UI/UX design with React, TypeScript, and Next.js.

#### Front-End Web Development Diploma – Route IT Training Center | March 2024 – September 2024 [🔗](#)

Specialized in real-world applications with emphasis on responsive design and user experience.

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### Professional Experience

#### Junior Manual Tester

Creative Advanced Technologies (CAT) | Remote | July 2023 – July 2024

- Designed and executed comprehensive test scenarios to ensure software meets quality benchmarks.
- Utilized Jira for tracking defects, and improving product functionality.
- Collaborated with developers to optimize user experience and implement UI enhancements.
- Conducted API testing using Postman and Swagger, ensuring seamless integration between services.

### Technical Skills

#### Languages & Frameworks:

HTML5, CSS3, Tailwind CSS, JavaScript, TypeScript, React, Next, Material UI, Redux Toolkit, Routing, Responsive Design, API Integration, Asynchronous Programming, UI/UX Prototyping

#### Tools & Platforms:

Figma, Postman, Swagger, Git, GitHub

#### Languages:

Arabic (Native), English (A2)

#### Soft Skills:

Enhanced communication processes within the development team through regular daily meetings and updates, leading to a noticeable reduction in misunderstandings and contributing to more timely feature releases.

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### Projects

#### 1- Recipe Management Application [Live Demo](#) | [Code](#)

Built an intuitive recipe management app with user and admin functionalities, leveraging React and Bootstrap 5. Integrated APIs for data management using Axios and ensured secure user access with JWT authentication. Designed responsive layouts and user workflows in Figma.

**Technologies:** react , bootstrap , vite , JWT-decode , axios , react-pro-sidebar , font awesome , react hook form

#### 2- ProjectPilot [Live Demo](#) | [Code](#)

Developed a comprehensive project management application using React, Bootstrap, Context API, and Chart.js. Integrated features for efficient task tracking and dynamic data visualization, enhancing project oversight and productivity.

**Technologies:** react , bootstrap , vite , JWT-decode , axios , react-pro-sidebar , font awesome , react hook form

### 3- Hotel Management System [Live Demo](#) | [Code](#)

Built a scalable hotel management system using React, MUI, and TypeScript. Designed responsive layouts, integrated APIs with Axios to manage data effectively, and implemented a room booking feature to streamline the booking process for users.

**Technologies:** react , MUI , stripe , axios , react from hook , react context , github , react toastify , react router Dom

### 4- QuizMaster [Live Demo](#) | [Code](#)

Developed a dynamic quiz application using React, Redux, Tailwind CSS, and TypeScript. Built two main portals: an instructor portal for creating and managing quizzes and a student portal for taking quizzes and viewing results.

**Technologies:** react , tailwind , react hook form , react toastify , flow bit , github , postman , react router dom

### 5- DevOverflow [Live Demo](#) | [Code](#)

Developed a full-stack Q&A platform inspired by Stack Overflow using Next.js. Implemented user authentication, question and answer posting, voting system (upvote/downvote), and AI-generated answers. Designed responsive and interactive UI for seamless user experience.

**Technologies:** next.js, tailwindCss, mongoose, react form hook, mongodb, nextAuht, typescript, zod, server actions, next API routes

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### **Additional Information**

Military Status: Exempted

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