

# EHSAN MEHRJO

Front end developer

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## WORK EXPERIENCE

Client Project - The  
Wild Oasis  
2024 - Present

### The Wild Oasis - Hotel Booking Platform

- Created and engineered a comprehensive hotel booking platform using React, JavaScript, CSS, and Supabase, enabling real-time reservation and room management for over 150 daily active users.
- Leveraged Supabase for seamless database integration, managing authentication for more than 1,000 registered users, handling user data updates in real-time, and reducing backend response times by 35%, ensuring a scalable and efficient infrastructure.
- Deployed and configured dynamic filtering for location, price, and amenities, improving user search efficiency by 40%.
- applied best practices for data encryption and user authentication, enhancing platform reliability and trustworthiness.
- Enhanced platform performance by employing lazy loading, code splitting, and efficient API integration, reducing page load time by 30%.
- Conducted user testing and feedback loops, refining the UI/UX and boosting customer satisfaction rates by 25%.

**Website**

**GitHub Repository:** [The Wild Oasis](#)

Client Project - Fast  
React Pizza  
2024 - Present

### Fast React Pizza - Restaurant Management System

- Built a responsive pizza ordering and management system using React, handling over 200 daily orders with real-time updates for customers and staff.
- Integrated a dynamic cart functionality with features like add, edit, and remove items, improving order accuracy by 30% and reducing order processing errors.
- Implemented backend communication via REST APIs, ensuring seamless synchronization between the frontend and database, achieving 99.9% uptime for critical operations.
- Streamlined application performance by leveraging React hooks, code splitting, and advanced state management libraries, supporting smooth operation under high traffic volumes of up to 1,000 concurrent users.
- Crafted an intuitive UI/UX for both customers and restaurant staff, increasing platform usability and satisfaction rates by 30%.

**Website**

**GitHub Repository:** [Fast React Pizza](#)

Company Pizza  
2023 – 2024

## Forkify Project – Recipe Management Application

- Conceived and launched a recipe application that attracted over 2,000 monthly active users, utilizing JavaScript, HTML, CSS, and Webpack while adhering to the MVC architecture for modular and maintainable code.
- Executed and integrated dynamic features including recipe search , servings adjustment, bookmarking, and recipe creation, increasing user retention by 30% through seamless data persistence using local storage.
- Enhanced user engagement by enabling personal recipe management and quick access to bookmarks, leading to a 40% improvement in user interaction and satisfaction.
- Refined the codebase with JavaScript classes and modular functions , reducing future development time by 15% and improving code scalability by 20%.

**GitHub Repository:** [Forkify Project](#)

## EDUCATION

Ghaem High  
School, Iran  
2021–2024

### Diploma in Computer Science

Completed coursework in programming, data structures, and algorithms, laying a strong foundation in computer science principles.

Worked on hands-on projects utilizing skills in JavaScript, web development, and problem solving.

## SKILL

### Personal

- Frontend Development:
  - React Ecosystem: React Router, React Query, Redux, Redux Toolkit, Context API, React Hooks, Advanced State Management
  - Styling: Tailwind CSS, Styled-Components
  - Form Management: React Hook Form
- Backend and Database: Node.js, Supabase, REST APIs
- Development Tools: Webpack, Parcel, Git/GitHub
- Programming Paradigms: Object-Oriented Programming (OOP), Functional Programming (FP), MVC Architecture

#### Other Skills

- State Management: Expertise in managing complex application state using Redux Toolkit, Context API, and useReducer.
- UI Design and Optimization: Proficiency in creating dynamic, responsive, and visually appealing user interfaces with Tailwind CSS and Styled-Components.
- Performance Optimization: Experience with code splitting, lazy loading, and efficient API integration for optimal application performance.

### Professional

- Problem Solving: Strong analytical thinking to troubleshoot and optimize code.
- Teamwork: Collaborative and communicative in team environments, ensuring project goals are met effectively.
- Time Management: Ability to handle multiple projects efficiently and meet tight deadlines.
- Adaptability: Quick learner with a proven ability to adapt to new technologies and tools.
- Attention to Detail: Focused on writing clean, maintainable, and bug-free code.