OSAMA EID AHMED

FRONT-END DEVELOPER
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Creative and detail-oriented Front-End Developer with a proven track record of designing and building user-friendly, responsive, and visually appealing web applications. Experienced in developing platforms like TechNest (an AI-powered tech content platform) and PS-Hub (a PlayStation management system), which showcase my ability to deliver seamless user experiences and intuitive interfaces. Passionate about writing clean, maintainable, and scalable code, adhering to **SOLID** principles and **Clean Code practices** to ensure high-quality and efficient solutions. Eager to contribute my expertise in front-end development to a forward-thinking team, where I can continue to grow and make a meaningful impact.

SKILLS

- HTML/HTML5
- CSS/CSS3
- JavaScript/ES6
- React
- Next.js
- Typescript
- Prisma

- Redux/Redux-toolkit
- TailwindCSS
- Bootstrap
- SASS/SCSS
- Styled-components

EDUCATION

2020 - 2024
Bachelor Of Computer Science, HELWAN UNIVERSITY

PROJECTS

PS-Hub - PlayStation Management System
A full-stack web application to manage PlayStation gaming rooms, buffet services, and financial tracking.

Features:
- **Super Admin Features:**
  - Create and manage admin accounts with ease.
  - Activate or deactivate admin access for better control.
- **Admin Features:**
  - **Gaming Rooms:** Add, edit, reserve, extend, and track gaming sessions seamlessly.
  - **Buffet Services:** Manage buffet items, apply discounts for workers, and track sales.
  - **Invoicing:** Generate invoices for gaming sessions, buffet sales, and external purchases.

- **Revenue Tracking:** Generate detailed reports for gaming and buffet revenues across custom date ranges.
- **Security:**
  - All routes are protected from unauthorized access.
  - Sensitive actions (like editing and deletions) require admin password confirmation for added security.
  - Uses JWT (JSON Web Tokens) for secure authentication.

Technologies: Next.js - TailwindCSS - Typescript - Prisma – MongoDB (Atlas) - JWT

GitHub Repo   Project Demo & More Details

TechNest - AI-Powered Tech Content Platform (GP)

An **AI-powered platform** where users can read, write, and interact with articles on various technology topics. Users can personalize their feed based on the topics they follow, write their own articles, or share outsourced ones. During article submission, the platform's **AI model predicts the most relevant topic** based on the content, ensuring a seamless and engaging experience.

My role was (Full-Stack Developer).

Features:
- **User Management:**
  - Enabled user registration with name, email, password, and profile picture.
  - Allowed profile editing and restricted guest access to viewing only (no interactions).
- **Topic Management:**
  - Implemented topic follow/unfollow functionality for personalized feeds.
  - Displayed latest articles randomly if no topics were followed.
- **Article Submission & Approval:**
  - Built AI-powered topic prediction to suggest relevant topics based on article content.
  - Developed article submission with admin approval workflow.
  - Integrated feedback mechanism for declined articles.
  - Enabled submission of external articles with links and thumbnails.
- **Article Interaction:**
  - Added like, comment, and bookmark functionalities.
  - Displayed all comments and publisher info (name, email, articles).
- **Admin Management:**
  - Created tools for adding/removing topics.
  - Manage and review pending articles.
- **Content Organization:**
  - Organized articles based on followed topics or displayed them randomly.
  - Supported a wide range of tech topics for diverse content.

Technologies: Next.js - Typescript - Redux - TailwindCSS - Prisma – MongoDB (Atlas) - JWT

GitHub Repo   Project Demo & More Details

Mini Cashier System - ToysBox (Volunteer)

During my time at **ToysBox**, I had the opportunity to contribute to a unique initiative involving a mobile toy truck. The truck operated without a cashier system, which posed challenges in tracking sales and generating reports. Recognizing the need for a solution, I took the initiative to develop a **mini sales tracking system**. This system efficiently recorded sales, provided essential statistics, and generated detailed reports, significantly improving the truck's operational efficiency and accountability.

Features:
- Search for a product by Barcode OR by (Name/Part of it).
- Show product info and make the discount available for a total price over 300LE.
- Provide (summary, detailed, discounted) sales records with statistics for each one.
- Ability to delete one or all sales records.
- Export and download reports for (summary, detailed, discounted) sales records with statistics for each one.

Technologies: React - TailwindCSS - LocalStorage

GitHub Repo   Project Demo

Foodie Master

Foodie Master is a dynamic restaurant website that offers various services such as menu with online ordering, price offers, blogs, and more.

Features:
- Popular dishes with offer price on each dish if it has and Latest Blogs.
- Menu page with filtration and ability to order any meal or drink you want.
- Book a table with a reservation page.
- Contact Page.
- All Forms are validated with Form Component.
- Blogs Page.
- All Blogs and menu data are dynamic that comes from Custom APIs.
- Not Found Page.
- Responsive Design.

Technologies: HTML - CSS - SCSS - React

GitHub Repo Live Project Demo

LANGUAGES

English (Very Good Working and Spoking)