Ahmed Sayed Mohamed

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EDUCATION

Benha University   Benha, Egypt
Bachelor of Computer Science and Artificial Intelligence (Grade: Very Good)   *Aug. 2018 – jun 2022*

EXPERIENCE

National Company for Roads (Military Service)   May 2023 – May 2024
                                                                                                              Cairo, Egypt

- Adding features and maintaining an existing android application that supports multiple operations :-
  - Generating tickets for different kind of cars.
  - Generating daily financial reports.
  - Dealing with an API's that are related to tracking devices (POS) at different locations.
- Provided technical support and troubleshooting for legacy apps, resolving issues promptly to minimize downtime.
- Tools and Concepts : Android , SQL Server, Java , Windows Server 2012.

PROJECTS

Smart Attendance System (Graduation Project - Grade: Excellent)

- ∗ Developed a smart attendance system utilizing machine learning techniques for facial recognition.
- ∗ Utilized VGGFace, MobileNet, and VGG16 architectures for feature extraction and classification.
- ∗ Integrated the machine learning model into a web application using Flask and Python.
- ∗ Implemented database functionality to store and manage student attendance records.
- ∗ Conducted training and testing using diverse datasets to optimize model accuracy and performance.

Sneakers (E-Commerce) Web App | *React.js, Redux Toolkit, Tailwind Css, Git*

- ∗ Implemented responsive and intuitive UI leveraging ReactJS and Tailwind CSS to enhance user experience.
- ∗ Integrated Redux for state management, ensuring efficient data flow and seamless user interactions.
- ∗ Utilized RESTful APIs to communicate with backend services and fetch/update data asynchronously.
- ∗ Optimized website performance through code optimization and performance profiling techniques.

Muslim | *Html5, Css3, js, fetch Api, Dom*

- ∗ Developed a Muslim web application using HTML, CSS, and pure JavaScript to provide comprehensive resources for Islamic practices.
- ∗ Implemented features to display accurate prayer times based on geographical location, utilizing APIs for calculation or appropriate algorithms.
- ∗ Integrated Quranic text and provided audio recitations from various reciters to facilitate Quranic study and listening.
- ∗ Designed and developed a dedicated section for Azkar, offering a collection of supplications for different occasions and moments of remembrance.

The Wild Oasis (Hotel Managment) | *React.js, React Query, Styled Components, SupaBase DataBase, Custom Hooks*

- ∗ Utilized React.js to build a dynamic and responsive UI for the dashboard, booking page, and cabin page.
- ∗ Implemented React Query for efficient data fetching and management, ensuring smooth user interactions.
- ∗ Leveraged Supabase as the backend database to store and manage hotel, booking, and user data securely.
- ∗ Implemented user authentication and authorization features to ensure secure access to different functionalities.

TECHNICAL SKILLS

Languages: JavaScript, C++, SQL, HTML/CSS.
Frameworks: React, Redux, Redux Toolkit, React-Router,Unit Testing, Tailwind CSS , Bootstrap, Styled Component and Nodejs(basic)
Developer Tools: Git, Github, VS Code, Android Studio, Vite and SQL Server.
Concepts: Oop, Data Structure, Algorithms, Version Control and Web development.