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Languages

Arabic - Native
English - Proficient
German - Beginner

Education

B.S. in Electrical Engineering
Power and Machines Department

Alexandria university - Alexandria, Egypt
Undergraduate, 2018 - 2023

Skills

Markup Languages
> HTML 5
> CSS 3

Programming Languages
> Javascript
> Typescript
> C/Embedded C

Frameworks & Libraries
> ReactJs
> Bootstrap
> TailwindCSS
Utility-first CSS framework
> RadixUI
Accessible Components library
> Redux & Redux Toolkit
State managment Library
> React Router 6
SPA Client Side Routing library

Tools & Technologies
> Visual Studio Code
rocking Tokyo Night storm theme
> Git

Summary

Detail-oriented and self-motivated frontend developer with strong English proficiency, enabling seamless communication with clients and within the team. Specialized in building user-friendly websites also passionate about Embedded systems as an electrical engineering student in their final year.Familiar with Web3 technologies, including dApps, NFTs and cryptocurrencies. constantly seeking opportunities to further enhance my skills.

Experience

Intelcia Egypt
Technical Support Advisor for Optimum - Full Time
Jul 2021 - Nov 2021
Jul 2022 - Nov 2022

Projects

1. My Portfolio

- Utilized RadixUI headless components to create an accessible and user-friendly website.
- Utilized TailwindCSS to quickly write and maintain UI code in one place also added support for dark theme and responsive layout seamlessly using dark and media queries modifiers.
- Developed a custom hook useScrollSpy to automatically highlight navigation based on scroll, providing a better alternative to the intersection observer for this specific use case.
- Implemented a flashlight effect on hover for the cards components using vanilla JavaScript and CSS variables.
- Made it easier to allow potential clients and recruiters to contact me either by an email sent to my inbox with emailJS or by booking my calendar with a cal.com embed.

View at Ahmadghoniem.me

2. Quizzical

Quizzical App was the corner stone project while learning React with Scrimba the challenge was to code it from scratch as students we were provided only with the API endpoint for the OpenTrivia DB and the pseudo design for the app.

- added the support of choosing the number of questions, difficulty and the category amongst the available ones as they were pulled from their website selectbox with JS and the emojies were added seamlessly with a chatGPT prompt.
- Added the option for the user to choose between answering all the questions before revealing the answers or not.
- Added the ability of starring certain question so the user can have a quiz solely on them.
- Added skeleton loading to mimic the structure and the look of the entire view as It gives an idea regarding what kind of content is being loading which in this case the questions.

View at Quizzical.ahmadghoniem.me

Version Control
❯ **Github**
Git repositories hosting
❯ **Vite**
Blazing fast development env
❯ **Figma**
Design tool for frontend
developers

Testing
❯ **Jest**
JavaScript testing framework
❯ **Vitest**
Vite-native unit test framework

Certificates

Advanced React
Advanced React from
Coursera
taught by Meta.
Completion date: March 18,
2023
View Certificate

3. Tenzies

Tenzies is a fast-paced dice game that challenges participants to be the first to achieve "Tenzies" by rolling all six dice with the same numbers. Combining elements of chance and strategy.

- Managed to add a timer to the game so it can be used later to sort the top 10 winners with or without the roll number as well.
- Added skeleton loading to mimic the structure and the look of the leaderboards.
- Used pantry cloud a Free Cloud JSON Storage API to fetch and update the players data.
- A total of 141 plays and 40+ different players who played the game more than once.

View at Tenzies.ahmadghoniem.me

4. Chesters

As I wanted to create an NFT project I've created Chesters a Community driven NFT project where you get to pick which NFTs will be purchased with project's funds and airdropped back to holders from Top tier projects to small ones.

- Gathered NFT Mint IDs for CyberLinx (a solana project) using their creator address with cryptostraps tools so part of it can be used as sample data to get a holders snapshot.
- Fetched an object with holders, mints and amounts for cyberlinx project using their sample data.
- Used MoralisAPI to fetch the NFT metadata using it's Token address and display it to the user.
- Used Alchemy and SolScan APIs to get Solana price, price change in the last 24hrs and calculated TPS for solana using recent performance sample.

View at Chesters.ahmadghoniem.me

College-related projects

1. Self balancing robot
led the software subteam
under the supervision of doctor Mohamad El-habrouk

2. Remote controlled counter with web interface
led the software subteam
under the supervision of doctor Hossam Mostafa

3.Obstacle avoiding/Line following robot
led the software subteam
under the supervision of doctor Mohamad El-habrouk