Abdallah Atef Ahmed

Front-End Developer React.js

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§ https://github.com/abdo121212

Education

HTI University	**September 2020 – July 2024**

Bachelor of Engineering in Computer Science

Relevant Coursework

- Data Structures
- Database Management
- Web Development
- Compiler Design
- Software Engineering
- Artificial Intelligence
- Computer Architecture
- Operating System
- Algorithms Analysis
- Graphics
- Digital Control
- OOP

Experience

Digital Egypt Pioneers Initiative (DEPI)	**April 2022 – October 2022**
Trainee Front End (React .js) Web Developer :	*Cairo, Egypt*

- Problem Resolution and Code Optimization: Played a pivotal role in bug identification, code refactoring, and issue resolution, resulting in a 65% improvement in app stability metrics.
- Performance Enhancement: Improved app performance and user experience, achieving a 40% increase in user satisfaction through the development of new features, optimized code, and a 25% reduction in app size for enhanced efficiency
- Responsive Development: Converted intricate UI/UX designs into responsive and functional screens, aligning with design specifications and successfully delivering +50 screens.
- API Integration: Implemented and managed interactions with back-end APIs to ensure seamless data exchange and functionality across mobile applications
- Quality Assurance: Developed rigorous testing procedures, reducing post-release bug instances by 60% and ensuring the delivery of high-quality, error-free applications

Route Acadmay	**August 2021 – October 2021**

Software Engineer Intern   Cairo, Egypt

- Acquired proficiency in frontend technologies, including HTML, CSS, JS, and ReactJS.
- Gained foundational knowledge in backend development using NodeJS, ExpressJS, and MongoDB.
- Successfully applied acquired skills to complete multiple projects, gaining valuable real-life experience in software development.
- Graduated in the 6th position among over 1000 participants.

Projects

Portfolio Website	Code	live	**October 2022**

- Developed a fully responsive portfolio website using React and Tailwind CSS. The site showcases personal projects, skills, and achievements in a clean and visually appealing layout.

- Built a fully responsive portfolio website using React and Tailwind CSS to effectively highlight personal projects, skills, and accomplishments.
- The design emphasizes simplicity and clarity, offering smooth navigation and optimized performance across various screen sizes.

Movie App | Code | live   **June 2022**
- Integrating The Movie Database (TMDB) API to fetch and display dynamic data.
- That site allows users to explore trending movies, and view detailed information such as ratings.

Weather App | Code | live   **May 2022**
- That site features a responsive and intuitive interface, allowing users to search for any city and receive up-to-date weather details, including temperature, humidity, and weather conditions.
- Integrating WeatherAPI to provide real-time weather information for cities worldwide.

E-Commerce App | _Code_ | _live_   **February 2023**
- That site allows users to browse products, add items to their cart, and manage their selections seamlessly.
- The responsive design ensures optimal user experience across various devices, adapting to different screen sizes for both desktop and mobile users

2D Shopsy App | _Code_ | Live   **October 2023**
- Developed a 2D game as part of a computer graphics course.

- Implemented collision detection, realistic physics (speed, acceleration), and smooth character movement, which improved game performance by 35%.
- Utilized problem-solving skills to debug and enhance game functionality

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Technical Skills : : HTML , CSS , JavaScript , React.js, Redux Toolkit (State Management) , Tailwind CSS, Material Bootstrap , Chrome DevTools, React Developer Tools , Lighthouse, ESLint, Prettier , Git, GitHub (Netlify , Vercel) , Lazy Loading , Debouncing , Memoization , React Testing .

Developer Tools: VS Code, Figma, GitHub, Inspect and edit HTML & CSS in real-time , Debug JavaScript with breakpoints , Monitor network requests (API calls, resources) , Analyze page performance , Emulate mobile devices , WebPageTest .

IEEE HTI Student Branch   **October 2022- Present**

Public Relations Specialist   _HTI University_
- As a PR Specialist at IEEE, Developed communication strategies to engage with students and promote IEEE activities , Organized events and workshops .