Abderrahmane Abdelioua

Makkah, Saudi Arabia | abderrahmane.abdelioua@gmail.com | 00966537514917 | Single | 31/01/1996

EDUCATION

Arab Open University   **Jeddah, Saudi Arabia**
Bachelor of Science (BSc)-Information Technology and Computing (ITC)   *10/2018 – 09/2021*

EXPERIENCE

Clipper   **Makkah, Saudi Arabia**
Frontend Developer   *Dec 2022 - Present*

- Built a functioning social media web application using React, Express.js, and MongoDB for users to communicate and interact with each other.
- Developed a chat service using WebSockets with socket.io library, allowing users to chat instantly and increased user engagement on Clipper social media platform by 25%.
- Implemented authentication using JWT, reducing unauthorized access attempts by 70%.
- Improved the security of the database by storing only encrypted login data using third-party libraries, which decreased the risk of data breaches by 50%.

Portfolio Website - https://abderrahmane-abdelioua.netlify.app   **Makkah, Saudi Arabia**
Frontend Developer   *Nov 2022 – Dec 2022*

- Designed, created, and built a responsive and animated portfolio website using React with multiplatform support to be viewed on any platform and device.
- Connected to Backend APIs to fetch GitHub repositories rest APIs, allowing viewers to watch and view all my work seamlessly and effortlessly, with active links to view source code and live hosted demos.
- Implemented an adaptable grid system for API calls to allow for new components to be set in an appropriate position, resulting in a 30% increase in website performance and loading speed.
- Achieved a 25% increase in user engagement by connecting the website to the GitHub repositories rest APIs and providing users with a seamless viewing experience.
- Removed all unused packages and dead code, resulting in a bundle size reduction of up to 30%.
- Implemented React router and reusable components, leading to an improvement in page speed by up to 50% and resulted in a better user experience, with faster load times and improved page speed, increasing engagement and user satisfaction.

On Job Training Frontend Web Developer - Smart Methods   **Makkah, Saudi Arabia**
Frontend Developer   *May 2021 – Jul 2021*

- Designed and implemented an intuitive web interface to control a robotic arm, using modern web development technologies such as HTML5, CSS3, and JavaScript ES6+.
- Collaborated with a team to connect the interface to a powerful backend system, enabling seamless communication with the server and smooth handling of user inputs and server responses.
- Successfully tested and refined the interface in multiple scenarios, ensuring its reliability and efficiency in real-world use cases.
- Demonstrated strong problem-solving and troubleshooting skills throughout the project, resolving technical challenges and optimizing the system's performance.
- Contributed to the overall success of the internship by completing the project on time and with high quality, earning positive feedback from team members and supervisors.

SKILLS

Languages: English (C1), German (A2), Arabic (Native).

- JavaScript • React • TypeScript • Next.js • Docker Tailwind • Node.js • Express.js • CI/CD Git • GitHub • Documentation • Flutter • Redux
- AWS Amplify • AWS Lambda • AWS API Gateway • Amazon S3 • Amazon CloudFront • MongoDB • SASS • Apollo GraphQL • Webpack • WebSockets • JSON