

Waqas Mehmood

Full Stack Developer — Masters in Computer Science

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Professional Summary

Experienced Full Stack Developer adept in JavaScript and UI frameworks (React, Next.js), skilled in designing RESTful APIs, proficient in SQL and NoSQL database querying, and proficient in cloud services and serverless architecture. Collaborative team player with a passion for innovation and delivering exceptional results in dynamic environments.

Skills

- Proficient in modern JavaScript and UI frameworks (React, Next.js).
- Strong understanding of object-oriented analysis and design (OOAD) and software design patterns.
- Experienced in UI development concepts including Responsive Design, SPA, and Modular Design.
- Proficient in HTML5, CSS3, and JavaScript (ES6+).
- Proficient with various JavaScript libraries and package managers.
- Proficient with CSS frameworks such as Bootstrap, Tailwind CSS, and Material UI.
- Proficient with Axios for Restful APIs, Git for version controlling, and Postman for API testing.
- Proficient with backend framework (Express JS).
- Proficient in handling data with SQL and NoSQL databases, including querying both types.
- Skilled in using ORM (Object-Relational Mapping) tools for efficient database interaction.
- Well-versed in designing and developing RESTful APIs.
- Experienced in CSS pre-processors like SASS and object destructuring.
- Skilled in Node.js development and utilizing Docker containers for development and deployment.
- Knowledgeable about application localization and experienced in working with frameworks like Next.js.
- Proficient with concepts like the event loop, promises, and data-binding in JavaScript.
- Familiar with cloud services and serverless architecture (AWS, Firebase).
- Familiar with React Native (Expo CLI).
- Excellent track record of building interfaces with a focus on user experience.
- Self-driven with a strong desire to excel and ability to work independently.

Experience

Full Stack Developer

Sharim Solution, Islamabad Pakistan

November 2021 - November 2022

Projects:

• Portfolio Application:

- Coded a dynamic web application using React.js and Next.js, showcasing a personal portfolio.
- Implemented key features including a contact form with form validation using Formik and Yup, image slider functionality using React hooks, and integration with MongoDB Atlas for database management.
- Utilized technologies such as Axios for HTTP requests, Tailwind CSS for styling, and various React libraries including react-icons and react-simple-typewriter.
- Focused on SEO optimization by implementing meta tags, page titles, and structured data markup for improved search engine visibility.
- Overcame challenges in deployment to Vercel and resolved issues related to environment variables and API integration.
- Played a significant role in the development process, handling tasks from frontend design to backend functionality and ensuring a seamless user experience.
- Employed testing frameworks for quality assurance and debugging to deliver a robust and error-free application.
- Demonstrated strong problem-solving skills and attention to detail in optimizing application performance and resolving technical issues.
- Continuously sought opportunities for improvement and future enhancements to enhance the project's functionality and user experience.

• E-Commerce Application:

- Conceptualized and implemented key features of the E-Commerce platform, including product browsing and shopping cart management.
- Leveraged React JS and Tailwind CSS to create a visually appealing and user-friendly interface, optimizing frontend performance and usability.
- Integrated Redux for efficient state management, enabling seamless data flow and consistent application behavior.
- Prepared RESTful APIs to facilitate communication between frontend and backend components, ensuring real-time updates and responses.
- Utilized MongoDB for backend data storage, implementing optimized queries for efficient data retrieval and storage.
- Ensured cross-device compatibility through responsive design principles, delivering a consistent experience across desktop and mobile platforms.

• E-Quran Application:

- Spearheaded the frontend development of the E-Quran Application, focusing on usability, functionality, and adherence to project specifications.
- Leveraged React JS and Material UI to create visually appealing and intuitive user interfaces, incorporating key features such as the Qibla direction finder and Islamic quiz.
- Implemented robust form handling mechanisms using Formik and YUP, enhancing user interactions and data validation.
- Collaborated closely with cross-functional teams to integrate frontend components with backend services, ensuring seamless data flow and application functionality.
- Established version control and CI/CD processes using Git and GitHub, promoting code collaboration, version tracking, and automated deployment.

Education

Master in Computer Science

Virtual University of Pakistan, Lahore

March 2018 – April 2020

CGPA: 3.34

Certification

MERN Stack

Teresol Pvt Ltd, PSEB & TechLift at The National University of Computer and Emerging Sciences (NUCES), Islamabad

January 2023 – May 2023

Projects:

- Developed a fully functional To-Do application with React JS and Vue JS, showcasing proficiency in both frameworks.
- Created a weather application using React JS, implementing location-based forecasts and real-time weather data visualization.
- Implemented the classic FizzBuzz program efficiently using Node JS for server-side JavaScript development.
- Developed a movie listing application with React JS, integrating third-party APIs for intuitive browsing and search functionalities.
- Expanded knowledge in web development through practical experience with Docker, Nginx, Selenium, and GitHub.

Achievements:

- Successfully completed the MERN Stack certification program, demonstrating comprehensive skills in full-stack web development.
- Received commendation for exemplary project work and active participation, contributing to a collaborative learning environment.

Joining Notice

Immediate Joiner