

# Waqas Mehmood

Full Stack Developer — Masters in Computer Science

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## Professional Summary

Skilled Full Stack Developer with over 3+ years of experience in Web development. Proven track record of building responsive and modular web applications while adhering to software design patterns. Strong knowledge of object-oriented analysis and design. Self-driven and passionate about delivering high quality code to exceed user expectations.

## Skills

- Designing, coding, and maintaining medium to large applications/modules.
- Proficient in ReactJS and NextJS with 3+ years of experience.
- Experienced in NodeJS with 3+ years of experience.
- Strong understanding of object-oriented analysis and design and software design patterns.
- Experienced in UI development concepts including Responsive Design, SPA, and Modular Design.
- Proficient in HTML, CSS, and JavaScript.
- Familiar with the use of different libraries of JavaScript and package managers.
- Familiarity with Bootstrap, Tailwind CSS, and Material UI.
- Familiarity with Axios (for Restful APIs), GIT (Version Controlling), and Postman (testing APIs).
- Proficient in handling data with SQL.
- Skilled in Node.js and utilizing Docker containers for development and deployment.
- Knowledgeable about application localization and working with frameworks like Next.js.
- Familiarity with concepts like event loop, promises, and data-binding.
- Excellent track record of building interfaces with a focus on user experience.
- Deep experience in full-stack development capabilities, including technical evaluation, vendor selection, and management.
- Self-driven with a strong desire to excel and ability to work independently.
- Implementation of contemporary engineering practices like lean software and test-driven development, CI/CD for ensuring robust and reliable code bases, and managing technology platforms for DevOps, Code Management/Testing.
- Strong Agile Software Development Skills.

## Experience

### Frontend/React JS Developer

*Sharim Solution, Islamabad Pakistan*

*November 2021 - November 2022*

- Developed and deployed web applications using React JS and Redux for state management.
- Collaborated with cross-functional teams to ensure the timely delivery of projects.
- Designed responsive web applications compatible with various devices using Tailwind CSS.
- Utilized Restful APIs for backend communication and MongoDB as the database.

## Projects

### Portfolio Application

- Developed 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

- Developed the frontend using React JS & Tailwind CSS with states managed using Redux.
- Implemented Restful APIs for backend communication and utilized MongoDB as the database.
- Designed a responsive web application compatible with various devices.

### E-Quran Application

- Coded frontend using React JS and Material UI with prominent components including Kibla direction finder and Islamic quiz.
- Utilized Formik & YUP for form handling and collaborated effectively with cross-functional teams to ensure timely delivery of projects.
- Implemented version control using Git and GitHub.

## Education

### Master in Computer Science

*Virtual University of Pakistan, Lahore*

*March 2018 – April 2020*

*3.34 CGPA*

## Certification

### MERN Stack

*By Teresol Pvt Ltd, PSEB & TechLift at FAST University, Islamabad*

*January 2023 – May 2023*

- Completed To-Do app using React JS & Vue JS.
- Developed an E-Commerce Store and a landing page for a labor services provider website using Bootstrap.
- Learned different tools and their uses in web development including Docker, Nginx, Selenium, and GitHub.

## Joining Notice

### Immediate Joiner