

# Waqas Mehmood

Masters in Computer Science

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## Professional Summary

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Experienced Full Stack Developer skilled in JavaScript and UI frameworks (React, Next.js), RESTful API design, SQL and NoSQL database querying, and cloud services/serverless architecture. Known for collaboration, innovation, and delivering high-quality results.

## Skills

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- **JavaScript Frameworks:** Proficient in React and Next.js. Experienced in Responsive Design and Single Page Applications (SPA).
- **Web Development:** Skilled in HTML5, CSS3, Bootstrap, Tailwind CSS, and Material UI. Familiar with CSS pre-processors like SASS.
- **Back-End Development:** Skilled in Express.js and RESTful APIs. Experienced with SQL and NoSQL databases using ORM tools.
- **Version Control:** Proficiency in Git for version control. Skilled with Docker for containerization and CI/CD processes.
- **Cloud Services:** Knowledgeable about AWS and Firebase. Experienced with serverless architecture and backend services.
- **Mobile Development:** Experienced in React Native and Expo CLI. Implemented push notifications with Firebase.
- **Problem-Solving and Teamwork:** Strong problem-solving skills, attention to detail, and ability to work independently. Collaborative team player with proven results.

## Projects

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- **Portfolio Application:** Developed a web app with React.js and Next.js. Integrated MongoDB Atlas for data management and implemented key features like a contact form and image slider.  
**Live Demo:** <https://profile-waqas.vercel.app/>
- **Weather Application:** Built a weather forecasting application using React JS, providing location-based forecasts. Designed an intuitive UI for real-time weather updates.  
**Live Demo:** <https://seasondemo.netlify.app/>
- **E-Quran Application:** Led frontend development with React JS and Material UI. Integrated key features like Qibla direction finder and Islamic quiz. Established version control and CI/CD processes with Git and GitHub.
- **CRM Application:** Developed a CRM application with a drag-and-drop interface for assigning tasks to team members. Integrated a pipeline module for managing workflows and tracking project progress. Implemented RESTful APIs for data exchange and used MongoDB for backend storage. Redux was employed for state management.
- **Taxi Booking App:** Developed using React Native and Expo CLI. Users can book taxis, view estimated fares, and track rides in real-time with GPS. Integrated Firebase for backend services, including user authentication, real-time data storage, and push notifications for booking updates. Used Google Maps for navigation and location-based services.

- **E-Commerce Application:** Implemented product browsing and shopping cart features using React JS, Tailwind CSS, and Redux for state management. Used Prisma for efficient database operations. Created RESTful APIs for communication between frontend and backend components.

## Experience

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### Mern Stack Developer

Sharim Solutions, Islamabad Pakistan  
November 2020 - November 2022

## Education

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### Master in Computer Science

Virtual University of Pakistan, Lahore  
March 2018 – April 2020  
CGPA: 3.34

## Certification

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### MERN Stack

By Teresol Pvt Ltd, PSEB TechLift at The National University of Computer and Emerging Sciences (NUCES), Islamabad  
January 2023 – May 2023

### Projects included:

- Developed a To-Do application with React JS and Vue JS.
- Created a weather application using React JS, implementing location-based forecasts.
- Implemented the classic FizzBuzz program using Node JS.
- Developed a movie listing application with React JS, integrating third-party APIs.

### Achievements included:

- 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.