

# Muhammad Raheel

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## FULL STACK JAVASCRIPT DEVELOPER

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I am a Full Stack Developer with a solid two-year track record of developing high performance applications across a versatile tech stack. My technical acumen includes advanced proficiency in JavaScript, TypeScript, and both frontend and backend frameworks such as React.js, Next.js, Node.js, and Express.js. I excel in creating responsive and dynamic user interfaces using Custom CSS and Tailwind CSS, coupled with comprehensive backend solutions using MongoDB and PostgreSQL.

My expertise extends to implementing complex functionalities using GraphQL, Redux, and the Redux Toolkit, ensuring seamless data flow and state management. I am well-versed in software design principles, including Domain-Driven Design (DDD) and Atomic Design Patterns (ADP), which guide my approach to architecting well-structured, scalable codebases.

Dedicated to leveraging my full-stack development skills, I aim to contribute to projects that innovate and drive business success, while also enhancing user engagement and satisfaction.

## WORK EXPERIENCE

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**Scaylar Technologies, Lahore, Pakistan**  
**Full stack developer**

**March 2023 – April 2024**

### Project contributions

#### UWA (Universal weather and aviation system)

Developed a comprehensive platform catering to the needs of private trip management, offering seamless coordination of various services. This includes transportation services akin to Uber for convenient travel, efficient hotel management to ensure comfortable accommodations, ground handling services for smooth logistics, and secure payment processing for hassle-free transactions. The platform simplifies the entire trip planning process, providing travelers with a one-stop solution for all their needs while ensuring a seamless and enjoyable experience from start to finish.

### Responsibilities

- Managed microfrontends in vite for React.js, turborepo and React.js.

- Responsive layouts using MUI and Tailwind Css.
- GraphQL queries implementation using bff pattern.
- State Management in redux toolkit.
- Integrated MongoDB Atlas Search for faster search experience on frontend as well as backend.

### **Auto Relief**

Web Based Application for streamlining task management tool reminiscent of Asana. This tool facilitated efficient task organization, delegation, and tracking, enhancing team productivity with user-friendly interfaces and robust features, it provided an intuitive solution for managing projects effectively.

### **Responsibilities**

- Developing new APIs to retrieve data from fastify and GraphQL based application.
- Implementing DDD (Domain driven design) for backend and ADP (Atomic design pattern) for frontend.
- Utilizing GraphQL endpoints for querying and organizing data from the MongoDB database.
- Managing GraphQL N + 1 problems through effective utilization of Data loaders.
- Deployed on Heroku.

### **The Nona**

Next.js Based SEO friendly ecommerce store for searching sofas and beds world-wide by scraping different websites.

### **Responsibilities**

- Writing AWS lambda functions for data retrieval, mutation and scraping functionality.
- Working with AWS api gateway for frontend and backend communication.
- Monitoring resources with AWS CloudWatch service.
- Next.js for SSR (Server-side rendering) and SSG (Static site generation) for better SEO and performance.
- Utilizing Algolia (AI based search-as-a-service platform).

## **EDUCATION**

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**University of agriculture, Faisalabad**  
**Bachelor's of computer science**

**2023**

- 3.5+ CGPA.
- Debate club member.

**Aspire group of college, Burewala**  
**FSC (Pre-engineering)**

**2019**

- Over-all 75% score holder.
- Participated in science exhibitions and sports.

## **SKILLS**

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- Html, Css, Tailwind, MUI, Flowbite
- JavaScript, TypeScript, ES6
- React.js, Next.js, Node.js, Express.js, GraphQL, Redux, ngRx
- MySQL Workbench, PostgreSQL, MongoDB, Mongoose, TypeORM
- Version control GitHub, Linear, Trello, Asana
- Microservices, SOLIDs, Monorepo
- AWS, Netlify/Heroku, Amplify, EC2, AWS Lambda

## **HOBBIES AND INTERESTS**

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- Sketching
- Drawing
- Calligraphy
- Singing
- Traveling
- Photography