

## Muhammad Usama

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Full Stack Developer with 5+ years of experience. Skilled in critical thinking and analytical problem-solving, demonstrated through extensive front-end and back-end development. Passionate about continuously learning new technologies and enhancing current skill sets.

### Technical Skills

- |                     |             |                 |              |
|---------------------|-------------|-----------------|--------------|
| • React.js          | • Next.js   | • Node.js       | • Express.js |
| • Nest.js           | • SQL       | • MongoDB       | • Firebase   |
| • Redis             | • REST APIs | • Web Sockets   | • GraphQL    |
| • Apollo Federation | • AWS       | • Microservices |              |

### Professional Experience

#### **DHA Head Office**

Islamabad

*Full Stack Developer*

Dec 2024 - Present

- Designed and developed an advanced Attendance Management System leveraging React.js, Nest.js, Hono, Bun, Go, and PostgreSQL. Integrated ZKTeco machines, mobile applications, and geolocation tracking for seamless attendance monitoring.
- Contributed to the development of an HR Management System (HRMS) using .NET Core and SQL Server, utilizing Crystal Reports and DevExpress for robust reporting.
- Worked closely with mobile teams to drive feature implementation and continuous enhancements.

#### **Embrace IT**

Islamabad

*Full Stack Developer*

May 2023 - July 2024

- Played a vital role in developing a comprehensive HR platform using React.js, Nest.js, PostgreSQL, Recoil, and GraphQL.
- Spearheaded the design and implementation of a dynamic Unreal Engine streaming-driven mock-up delivery system for multiple tenants, utilizing Nest.js, React.js, Three.js, Apollo Federation and AWS.
- Played a pivotal role in developing a sophisticated food ordering and management web application with Next.js, Nest.js, PostgreSQL, GraphQL and AWS.
- Contributed to the development of a construction management software using React.js, Nest.js, React Native, PostgreSQL, and AWS.
- Played a role in developing sales tools for an IT distributor company using React.js.
- Collaborated seamlessly with cross-functional teams to ensure successful feature delivery and enhancements.
- Demonstrated a proactive approach to staying updated on emerging technologies and implementing best practices.
- Showcased dedication to innovation and proficiency in integrating diverse technologies into a unified and impactful application.

#### **Fauji Foundation Head Office**

Rawalpindi

*Front End Developer*

Apr 2022 - May 2023

- Played a pivotal role in advancing front-end development for the Medix Hospital Management System (HMS), leveraging React.js and prominent libraries within the ecosystem.
- Collaborated closely with cross-functional teams to implement robust REST APIs, integrating JWT Authentication for enhanced security.
- Engineered multiple dashboards and portals utilizing React, to develop rich user experience.
- Leveraged Redux Toolkit and RTK Query to streamline state management, ensuring seamless data flow and application responsiveness.
- Spearheaded the integration of React Router for efficient navigation and Vite for rapid development, further enhancing the Medix system's front-end capabilities.
- Employed Ant Design and Tailwind CSS frameworks to create visually appealing and intuitive user interfaces, enhancing accessibility and user engagement.

## **SOFIT Consultancy**

Rawalpindi

Front End Developer

Sep 2019 - Apr 2022

- Developed and delivered a range of dynamic dashboards and interactive company portals, showcasing expertise in React.js, Next.js, and responsive web design techniques.
- Leveraged advanced front-end tools and technologies, such as React Hooks, Redux Toolkit, and React Router, to create intuitive user interfaces and enhance user interactions.
- Successfully implemented JWT Authentication for enhanced security, ensuring secure access to sensitive data through meticulously designed REST APIs and seamless integration with Axios for data retrieval.
- Skillfully employed Formik and Yup libraries to streamline data entry and validation processes, enhancing user experience and data accuracy across various forms and input fields.
- Collaborated closely with cross-functional teams to integrate SASS and Bootstrap frameworks, optimizing styling and design consistency across multiple dashboards and portals.
- Actively contributed to code-base maintenance and performance optimizations, aligning with best practices to ensure efficient and high-performing front-end solutions.

## Certifications

- NestJS Microservices: Build & Deploy a Scaleable Backend Udemy
- 15 Days of SQL: The Complete SQL Masterclass Udemy
- Fast API - The Complete Course (Beginner + Advanced) Udemy

## Education

### **Air University**

Islamabad

BEE-Electronics. GPA 3.21

Sep 2015-Aug 2019

- **Editing Head - Air Media Club:** Led the editorial team, managed and developed content creation for university events.
- **Class Representative (CR):** Acted as the liaison between students and faculty, coordinated academic activities, and facilitated communication.
- **Departmental Head of Chess in Sports Club:** Organized and managed chess tournaments, promoted chess activities, and guided club members in developing their skills.

## Additional Information

**Open Source Contributor:** Contributed in two highly popular open-source github repositories.

**Training Experience:** Gave two weeks of training in React.js at the Fauji Foundation head office.

**Resource Management:** Managed interns and junior developers.

**Languages:** English, Urdu

**Interests:** Video games, Chess, Cricket, Learning about new technologies