

# Muhammad Khizer

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## Summary

Mission-driven Front End Engineer with 3+ years of professional experience architecting high-performance web applications within complex SaaS environments. Expert in TypeScript and JavaScript, with a proven track record of designing scalable UI Design Systems and unifying fragmented data into cohesive user interfaces. Adept at executing mission-critical front-end solutions, optimizing data-intensive environments, and collaborating within cross-functional teams to deliver secure, accessible, and high-velocity web experiences.

## Work Experience

### Frontend Developer (React & TypeScript)

*October 2025 – Present*

GIS GERMAN COMPANY, GERMANY (REMOTE)

- Architect and build responsive user interfaces using TypeScript and React, specializing in unifying fragmented GIS data into a single, high-performance UI.
- Execute high-velocity data visualization strategies to handle trillions of daily data events, leveraging advanced rendering techniques to improve application performance by 40%.
- Design and implement complex RESTful API and GraphQL integrations to streamline real-time data retrieval across distributed cloud environments.
- Collaborate with global product teams to integrate Accessibility (WCAG) standards into core UI components, ensuring a high-trust experience for a diverse user base.

### Associate Software Engineer

*November 2023 – August 2025*

BLACKSTACK SOFTWARE SOLUTIONS, LAHORE, PAKISTAN

- Execute the development of interactive React applications, utilizing AG Grid for advanced data visualization and management of high-density datasets.
- Design scalable UI Design Systems by transforming complex Figma wireframes into modular components using Web Components and Tailwind CSS.
- Build robust state management architectures using Redux Toolkit to streamline data flow and ensure state consistency across large-scale SaaS platforms.
- Collaborate on testing frameworks to increase code coverage by 30%, identifying potential security vulnerabilities within the cybersecurity industry landscape.
- Architect a FlutterFlow project with Firebase integration, implementing secure authentication and role-based access controls for data-intensive mobile solutions.

### Internship

*July 2023 – September 2023*

THE DEV CORPORATE, LAHORE, PAKISTAN

- Build server-side rendered applications using Next.js, optimizing frontend performance for high-traffic environments and real-time data consumption.
- Execute thorough code reviews and maintain strict design system documentation to ensure codebase scalability and high-quality software delivery.
- Design dynamic web experiences using advanced JavaScript patterns, enhancing user interactivity for complex data-driven dashboards.

## **Education**

**Bachelors of Computer Science in Computer Science,**  
**Programming Fundamentals Data Structure Web Development Algorithms Database 3D designing**  
UNIVERSITY OF CENTRAL PUNJAB, LAHORE, PAKISTAN

February 2019 – July 2024

## **Additional Skills**

**Languages & Core Frameworks:** CSS3, Ember.js, HTML5, JavaScript, Next.js, React, TypeScript

**UI & Data Visualization:** Accessibility (WCAG), AG Grid, Material UI (MUI), React Bootstrap, Tailwind CSS, UI Design Systems, Web Components

**Architecture & Integration:** AWS, Axios, Firebase, GraphQL, Redux Toolkit, RESTful API, SaaS Architecture

**Development & Tools:** Cybersecurity Industry Awareness, Figma, FlutterFlow, Git, Open Source Libraries

## **Certifications**

- React Training Certificate - Udemy (2024)
- Flutterflow Certificate - Udemy (2024)
- Firebase Training Certificate - Udemy (2024)

## **Languages**

- English
- Urdu

## **Projects**

### **Natural Body Building**

Designed and developed a user-friendly project using FlutterFlow with Firebase integration. Focused on intuitive and responsive interfaces. Integrated Firebase for secure authentication, real-time data storage, and key features such as push notifications and cloud functions.

**Technologies:** FlutterFlow, Firebase

### **WorkTool Project**

Developed responsive frontends using React, MUI, Tailwind CSS, and Bootstrap, ensuring cohesive user interfaces and seamless API integration. Implemented secure role-based authentication and real-time chat functionality.

**Technologies:** React, MUI, Tailwind CSS, Bootstrap

### **Portfolio Website**

Developed a dynamic portfolio website showcasing expertise in front-end technologies and design aesthetics.

**Technologies:** React, Tailwind CSS

### **LinkedIn Clone**

Engineered a LinkedIn clone showcasing adeptness in front-end development and UI/UX design principles.

**Technologies:** React, Material-UI

### Netflix Clone

Crafted a Netflix clone utilizing Axios for API integration, demonstrating proficiency in React development and API consumption.

**Technologies:** React, Axios

### Hobbies

- Playing Cricket
- Food Vlogging
- Video Editing