Muhammad Awais Khan

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LinkedIn | GitHub | Portfolio | linktree

PROFILE

I am **Muhammad Awais Khan**, a Computer Science graduate from COMSATS University, with a strong passion for developing scalable, user-centric web and mobile applications. With over **1 year of professional experience** as a **MERN Stack Developer**, I specialize in **React.js**, **React Native**, **Node.js**, and **MongoDB**, delivering clean, efficient, and high-performance digital solutions.

Currently working as a **Software Engineer at Tech Avenue**, I've contributed to impactful, citizen-focused platforms like the *My Islamabad App* and *CDA Citizen Portal*, enhancing public service delivery through modern UI/UX practices, real-time features, and robust system architecture. I've also built MVPs for startups and led key frontend initiatives during my tenure at Websters.

In addition to hands-on development, I've actively engaged in community-building as the **Web Development Lead at GDSC COMSATS**, mentoring peers and leading hackathon-winning teams. I thrive in collaborative, agile environments and am committed to continuous learning and applying the latest technologies to solve real-world challenges.

SKILLS

Key Skills

- React.js, JavaScript (ES6+), Redux, Tailwind CSS, HTML, CSS
- Node.js, Express.js, MongoDB, RESTful APIs, Firebase, JWT
- JavaScript, Java, SQL
- Git, GitHub
- MongoDB, SQL, Firebase

Tools & Platforms

- VS Code, Postman, DevTools
- Firebase, Google Cloud Platform
- Netlify, Vercel, Replit

EDUCATION

BS Computer Science, COMSATS University Islamabad, Abbottabad Campus   **CGPA: 3.37**   *2020-2024*

PROFESSIONAL EXPERIENCE

Software Engineer | Tech Avenue private limited   *Jan 2025 – Present*

- Developed and maintained **React.js and React Native** applications for the **CDA Citizen Portal**, including **CMS, Billing, and One-Window Operations (OWO)**.
- Implemented key features such as **Health Services, Parking, and City Guides** in the **'MY Islamabad' App**, enhancing user engagement and accessibility.
- Collaborated with cross-functional teams to optimize performance and improve UI/UX for a seamless user experience.

Frontend Developer |Websters   *Sep 2024 – Dec 2024*

- Built the MVP for iSeeWell, a multi-role eye care platform, using React.js, Redux Toolkit, and Tailwind CSS.
- Developed key features like real-time clinic search, appointment booking, calendar views, and staff management with Next.js, NestJS, and MongoDB.
- Ensured responsive, scalable, and role-based UX while collaborating with cross-functional teams in an Agile environment.

PROJECTS

- **My Islamabad App**

  An app for Islamabad Citizens My Islamabad is a civic mobile application built for the citizens of Islamabad, offering services such as complaints, OWO operations, helpdesk, and integration with third-party services like Police, Excise, HEC, and City Guides. Contributed to feature enhancements including Parking and Health modules, redesigned the UI for a smoother experience, and implemented Firebase push notifications. Participated in iOS releases for versions 3 and 4, contributing to an improved app rating from **2.4 to 3.4**.
  Technologies: React Native, Style Sheets, Firebase, FCM, Gradle, Android SDK, iOS SDK

- *CDA Citizen Portal*

  CDA Citizen Portal is a web application developed for Islamabad citizens, offering role-based access for **Admins**, **Operators**, and **Consumers**. The **admin** panel provides complete control, including complaint resolution, OWO

application approvals, and report management. Contributed significantly to the development of the **OWO module** and **Content Management System (CMS)**. **Operators** manage domain-specific tasks, while **Consumers** access services like those in the My Islamabad App.
 Technologies: React, Tailwind CSS, Redux, CSS, Firebase

- **iSeeWell – Eye Care Platform**

  iSeeWell is a multi-role web application built as a MVP for an eye care platform. The application supports real-time clinic search, appointment booking, calendar views, and staff management. Focused on delivering a responsive, role-based user experience across patient, doctor, and admin interfaces. Collaborated within an Agile team to ensure scalable and efficient performance.

  Technologies: React.js, Redux Toolkit, Tailwind CSS, Next.js, NestJS, MongoDB

- **AgriTech: AI-Powered Solution for Sustainable Agriculture**

  Recognized as a Top 100 Finalist in the GDSC Solution Challenge 2024, AgriTech is an innovative project aimed at improving agricultural productivity in Pakistan. This AI-powered application assists farmers by providing real-time crop disease detection and agricultural insights, leveraging AI and drones for enhanced accuracy and sustainability.
 Technologies: Google COLAB, TensorFlow, Flutter, Firebase, Debian OS, Thonny

- **BookShelfX**

  BookShelfX is a dynamic web application for managing a collection of books. Users can browse, add, and organize books within their library, providing an intuitive and seamless experience. This project highlights the flexibility of the MERN stack in handling CRUD operations and state management

  Technologies: React, Tailwind CSS, Redux Toolkit, Node.js, MongoDB, Firebase

- **CleanSlate**

  CleanSlate is an intuitive web application that removes image backgrounds effortlessly, providing high-quality results with a few clicks. The application emphasizes simplicity and efficiency, catering to users who need quick image editing tools.

  Technologies: React, Tailwind CSS, Node.js, Clerk, MongoDB

VOLUNTEERING EXPERIENCE

Google Developer Student Club (COMSATS University) – Web Development Lead   *September 2023 –August 2024*

- Led the development of interactive web applications using React.js and Node.js, improving user engagement with modern development practices.
- Mentored 30+ peers, organizing workshops and hackathons to foster a collaborative coding environment.
- Conducted web development workshops to enhance technical skills within the student community.
- Played a key role in hackathon success, leading teams to multiple victories.

LANGUAGES

- English, Urdu, Punjabi, Pashto