

# Muhammad Umer Khan

MERN Developer



## CONTACT

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- [Muhammad-Umer-Khan.vercel.app/Portfolio](https://Muhammad-Umer-Khan.vercel.app/Portfolio)

## PROFESSIONAL SKILLS

- MERN Stack (MongoDB, Express.js, React, Node.js)
- Next.js
- Firebase, MS SQL
- JavaScript
- C++, Java
- Tailwind CSS, Sass
- Git & GitHub

## CERTIFICATIONS

- **Advanced React** ([Meta](#))
  - Created reusable components.
  - Fetched data through API.
  - Tested React Applications.
- **Web Front-end Development (NUST Hackathon 2023)**
- **Freelancing** ([Digi Skills](#))

## WORK EXPERIENCE

- **May 2023 – September 2023**  
**Blood Nexus**  
Web Developer for the startup at National Incubation Center, MCS
- **June 2023 – August 2023**  
**Special Communication Organization (SCO)**  
Networking Intern

## EDUCATION

- **October 2020 – Present**  
**BE Software Engineering**  
**8<sup>th</sup> Semester**  
MCS, NUST

## PROJECTS

### AIRVAULT

- Developed a Web application (Next.js, Node.js)
- Used Hybrid Encryption for secure management of files.
- Implemented Access Control
- Used Git and GitHub for version control.

### Blood Nexus Website

- Developed a Web application (React, Firebase) that allows users to request for Donating and Receiving Blood.
- Enabled Email authenticated Login and Sign up.
- Implemented Google Maps API to locate the nearest blood bank.
- Explore at [bloodnexus.vercel.app](https://bloodnexus.vercel.app)

### MCS Inventory Management

- Developed a Web application (MongoDB, Express.js, React, Node.js) for efficiently managing College Inventory.
- Implemented add, update, search and report generation options for products.
- Managed multiple access.

### Department Dashboard

- Developed a Web application for Students to check educational data.
- Developed the frontend with HTML, CSS, and Bootstrap.
- Developed the backend with Node.js and Express.js.
- Used charts and graphs for visual appeal.
- Led a team of 4 students.

### Todo List

- Developed a Web application using HTML, CSS and JavaScript for frontend and JSON to store data.
- Implemented add, delete and update options for the item list.

### Weather Forecast

- Developed a Web application for weather forecast using HTML, CSS and JQuery.
- Used API to receive the weather forecast data.
- Aimed to view daily as well as weekly weather forecast information of a selected city.