

# Muhammad Umer Khan

## MERN Developer

Web developer with dynamic skills set including quick learning, effective problem-solving, and strong adaptability. Proficient in React, Next, Node, Express, MongoDB, and Firebase. My main focus is on MERN Development.

## WORK EXPERIENCE

- **February 2024 – Present**  
**SSzone Technologies**  
**Web Developer Intern**
  - Learning to develop a Web Application
  - React and Nodejs
- **May 2023 – September 2023**  
**Blood Nexus**  
**Web Developer**
  - Responsible for Developing Web Application.
  - Created Website from Scratch with *React* and *Firebase*.
  - Implemented *Google Maps API*.
  - Implemented Email Based Authentication.
  - Used *Git* and *GitHub* for Version Control.
  - Led a team of 2 Developers.
- **June 2023 – August 2023**  
**Special Communication Organization**  
**Networking Intern**
  - Learned about telecommunication technologies such as GPON and GSM.

## CERTIFICATIONS

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

## EDUCATION

- **October 2020 – Present**  
**Military College of Signals, NUST**  
BE Software Engineering  
8<sup>th</sup> Semester

## CONTACT

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- [Muhammad-Umer-Khan.vercel.app](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

## PROJECTS

### AIRVAULT (Final Year Project)

- Developed a Web application (*Next.js*, *Sass*, *Node.js*), Mobile Application (*Flutter*) and Server side (*Python*).
- Used Hybrid Encryption for secure management of files.
- Implemented Searchable Encryption for Efficient Search.
- 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.
- 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.

### Department Dashboard

- Developed a Web application (*HTML*, *CSS*, *Node.js* and *Express.js*) for Students to check educational data.
- Used charts and graphs for visual appeal.
- Led a team of 4 students.

## OTHER PROJECTS

- [Weather Forecast \(HTML, CSS, JavaScript\)](#)
- [Vaccination Management System \(Java\)](#)
- [FIR Management System \(C++\)](#)