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

- **June 2023 – Present**
  AirVault (Final Year Project)
  Co-Founder
  - Responsible for Developing Web Application with *Next.js*, *Node.js* and *Sass*.
- **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
  8th Semester

CONTACT

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- [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](#)

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++)](#)