

Muhammad Usman Khan

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 [@UsmanK7](#)

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EDUCATION

- ❖ BS Computer Science | University of Mianwali CGPA: 3.29
(December 2021 - August 2025)
- ❖ Pre-Engineering | Superior College Grade: A
(April 2019 - March 2021)

EXPERIENCE

- ❖ **Mobile Application Developer | Okrasoft | Onsite** (Oct 2023 - Sept 2024)
 - Developed apps using Flutter Framework & BLoC state management, including stock management, Islamic, expense tracking, and loan apps.
 - Collaborated with backend developers to integrate APIs and ensure seamless data flow between the frontend and backend.
- ❖ **Junior Frontend Developer | QK Creators | Remote** (Aug 2023 - Oct 2023)
 - Completed an internship converting Figma designs into responsive websites using **HTML, CSS, JavaScript, jQuery, and Bootstrap** while collaborating with UI/UX designers and clients.

ACADEMIC PROJECTS

- ❖ **Neuro-Insight (Final year project)**
 - NeuroInsight is an AI-powered web app for brain cancer analysis, automating cancer detection, segmenting tumor subregions (edema, enhancing, non-enhancing), and classifying tumors (glioblastoma vs. lower-grade glioma) from patient MRI scans.
 - The project uses the **BraTS** dataset from the Medical Segmentation Decathlon (MSD) challenge, which was contributed by institutes including Harvard University, King's College London, and the University of Sydney.

SKILLS

- ❖ **Programming languages:** Python, SQL, C++
- ❖ **Data analysis and visualization:** Pandas, Numpy, Matplotlib, Seaborn, Tableau
- ❖ **Machine learning:** Scikit-learn, TensorFlow, PyTorch
- ❖ **Deep learning:** U-net, CNNs
- ❖ **Version control:** Git and GitHub
- ❖ **Mobile app development:** Flutter

ACHIEVEMENTS

- **NEXT VAGANANZA 2024 CODING COMPETITION**  [/view-Certificate](#)
Achieved first place in the Speed Programming Contest at the Next Vaganza 2024 competition hosted by the Al-Khawazmi Computing Society on June 7, 2024.