Khuzaima Ahsan

Computer Science Student

CONTACT ME

+923171067251

khuzaimaahsan07@gmail.com

www.linkedin.com/in/khuzaima-ahsan/

https://github.com/k-ahsan07

Karachi, Pakistan

SKILLS

- **Mobile App Development: Flutter**
- **Web App Development: React.js, Express.js**
- **Database Design: SQL/MySQL, MongoDB**
- **Programming Languages: C++, C, Python, JavaScript, Java**
- **Markup Languages: HTML, CSS**
- **MERN Stack: MongoDB, Express.js, React.js, Node.js**

HIGHLIGHTS

- **ACM Coder's Cup**

Qualified among top 10 teams for Speed Programming

- **Internship**

Completed an internship at EntraCloud.

EDUCATION

BS Computer Science

FAST-NUCES

07/21 - Present

Intermediate

Adamjee Government Science College

08/19 - 04/21 Grade: A

Matriculation

Usman Public School

08/16 - 04/19 Grade: A+

ABOUT ME

Motivated computer science student eager to leverage my passion for Cybersecurity, Artificial Intelligence, and Software Development. Seeking a dynamic and challenging environment that offers hands-on experience, continuous learning, and growth opportunities. Committed to applying my skills and knowledge to solve complex problems and drive technological advancements, and contribute to technological advancements.

PROJECTS

BioQueue System — 09/2023 - 02/2024

Software Engineering

- Developed a Biometric Authentication and Queue Management System to streamline identity verification and optimize customer flow in service centers.
- Integrated fingerprint for secure and efficient authentication, automated queue management, and real-time notifications.
- They have implemented real-time tracking and analytics to help administrators monitor queue lengths and manage resources effectively.
- Built on React.js for the front end and Python for the back end, the project utilizes advanced database solutions for efficient data handling.

Brain Tumor Detection — 10/2023 - 02/2024

Artificial Intelligence

- To create a tool that uses machine learning, specifically VGG16, to detect brain tumors in MRI scans.
- The tool is trained on a large set of brain images using the VGG16 model to identify and classify different types of tumors, with a user-friendly front end built on Streamlit.
- It aims to help doctors diagnose tumors earlier and more accurately, leading to better treatment for patients.

Matching CV with job description — 08/2023 - 04/2024

Information Retrieval

- Built a Streamlit app to assess resumes against job descriptions by extracting and comparing skills using NLP.
- Employed inverted indexing and TF-IDF methodologies to analyze skills and assess the relevance of resumes through cosine similarity.
- Developed a user-friendly interface for the upload of job descriptions, facilitating the display of matched resumes along with their respective scores, thereby enhancing the candidate selection process.

Real Estate Portal — 02/2023 - 05/2023

Database

- Built on the MERN stack, the portal provides a fast, scalable platform tailored for seamless real estate transactions and interactions.
- Utilizing MongoDB allows users to access real-time property listings, ensuring they always have the latest market data
- With React, the portal offers an intuitive interface, making it easy for users to search and browse properties efficiently.