Mohammad Ali

Lahore | +92-3394023734 | mohammad81016@gmail.com |
Github

ABOUT MYSELF

A final-year computer science student with a good knowledge of React, JavaScript, MySQL, Firebase, MongoDB, Data Structures, Algorithms, Object-oriented programming, Database, and wants to contribute to the field as an Associate Software Engineer.

EDUCATION

University of Central Punjab
BS(Computer Sciences) **3.49 CGPA**   *Graduation Date: Jul 2024*

Board of Intermediate and Secondary Education.
Computer Science **812/1100**   *Graduation Date: Aug 2019*

SKILL & INTERESTS

Development: ReactJS, ReactNative, NextJS, MySQL, Firebase, NestJS, MongoDB.

Data Science: Statistics, Pandas, Numpy, Matplotlib, OpenCV, MediaPipe.

Languages: Python, C++, C, JavaScript, Dart.

Relevant coursework: Programming Fundamentals, OOP, DSA, DBMS, Mobile & Web development.

PROJECT EXPERIENCE

Lie Detector (Final Year Project)
- Developed a real-time lie detection system using Python, OpenCV, and Media Pipe's Face Mesh, for advanced facial analysis.
- Implemented gesture recognition to enhance non-verbal cue interpretation, focusing on hand movements.
- Implemented a robust change detection algorithm for identifying significant shifts in facial features and gestures.
- Designed a user-friendly interface for efficient interaction and visualization of detected changes improving the usability of the system.

Weather Application

- Developed a user-friendly forecasting application using Flutter and OpenWeather API focusing on real-time data.
- Implemented robust authentication and designed the UI to emphasize user comfort by displaying detailed humidity levels and forecasts.
- Achieved a 25% increase in user engagement through seamless performance and accurate forecasting, enhancing user experience.

Bookstore

- Developed an online bookstore platform utilizing a combination of HTML, CSS, JavaScript, and ReactJS focusing on user experience with easy book browsing and purchasing.
- Utilized ReactJS for dynamic content rendering, enabling a responsive and intuitive interface.

WORK EXPERIENCE

Technocolabs Softwares
Data Science | Data Analytics   *Jan 2023 - Mar 2023*
- Learned about Microsoft Power BI, Dim tables, and Fact tables
- Make multiple dashboards using Power BI.