Alisha Sultan
Software Engineer

Software Engineer Enthusiastic learner with a passion for tackling new challenges. Excel in collaborative environments, leveraging strong communication skills to drive impactful results. Committed to delivering excellence in every task.

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EDUCATION

Bachelor of Science in Information Technology
Punjab University College of Information and Technology Lahore, Pakistan

12/2020 - 06/2024 *CGPA: 3.3*

Completed Intermediate in Pre-Engineering
Govt. Degree College For Women Sharakpur, Pakistan

05/2018 - 05/2020 *Scored: 86.8%*

Completed Matriculation In Science
Govt. Girls Higher Secondary School

03/2016 - 04/2018 *Scored: 91.4%*

WORK EXPERIENCE

Backend Development Intern
KS-technologies(Onsite)

07/2023 - 09/2023 *Lahore, Pakistan*

Achievements/Tasks

- Contributed **50%** to the development of the backend, ensuring robust data handling and efficient query processing
- Contributed **40%** to the frontend development, creating user-friendly interfaces and enhancing user experience
- Collaborated with a cross-functional team of developers to seamlessly integrate backend and frontend sections, resulting in a **30%** improvement in overall system performance

Data Science Trainee
Expert System Solution (Onsite)

10/2022 - 12/2022 *Lahore, Pakistan*

Achievements/Tasks

- Developed and implemented a **"Pills Detection System using YOLOv4"** to streamline pharmaceutical management processes, achieving a **95%** accuracy rate in pill detection
- Proficient in Python for data science applications, specializing in data visualization with Matplotlib, Seaborn, and Plotly
- Developed foundational knowledge in machine learning concepts through practical training
- Utilized various libraries proficiently to create compelling data visualizations

SKILLS

Python | GitHub | React Native | HTML | CSS | JavaScript | ReactJS | Machine Learning | Figma | Team Work | Time Management | Leadership | Web Designing | Data Visualization | Adaptability

PERSONAL PROJECTS

Debris Glacier Detection System (FYP) (11/2023 - 05/2024)
- Spearheaded the development of an automated deep learning-based framework for monitoring debris-covered glaciers, achieving a **91%** accuracy rate from remotely sensed images
- Collaborated with the Space & Science Department to integrate advanced technological solutions, ensuring alignment with project objectives in glacier monitoring

Food Delivery App (11/2023 - 12/2023)
- Designed and developed a polished React Native application with splash screens and Firebase authentication
- Engineered seamless user interactions including dynamic homepages, streamlined cart management, and real-time order tracking
- Achieved a perfect score of **25/25** on project evaluation, demonstrating advanced development skills and delivering an exceptional user experience

Weather App (10/2023 - 10/2023)
- Created a Weather App using React.js with APIs for real-time weather data retrieval
- Implemented a user-friendly search bar for instant weather details, highlighting React.js proficiency, API integration, and responsive design to enhance user engagement

Empty Chair & Occupied Chair Detection (10/2022 - 10/2022)
- Deployed YOLOv4 for accurate detection of empty and occupied chairs, achieving **97%** accuracy rate
- Performed data annotation and conducted model training to achieve precise chair detection in simulations

CERTIFICATES

Introduction To Data Science (Great Learning), Data Science Trainee (Expert System Solutions) (10/2022 - 12/2022)

INTERESTS

Continuous Learning | Open Source Contribution