



Alisha Sultan

SOFTWARE ENGINEER

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I'm an enthusiastic learner, always eager to take on new challenges. I excel in collaborative settings, using my communication skills to drive impactful results. With a passion for excellence, I'm committed to achieving success in every task.

Education

CGPA 3.3/4.0 **BS In Information Technology**, Faculty of Computing and Information Technology | Lahore, Pakistan 2020-24
955/1100 **Completed Intermediate In Pre-Engineering**, Govt. Degree College For Women | Sharakpur, Pakistan 2018-2020
1006/1100 **Completed Matriculation In Science**, Govt. Girls Higher Secondary School | Sharakpur, Pakistan 2016-2018
Courses (FCIT): Linear Algebra | Programming Fundamentals | Object-Oriented Programming | Data Structures and Algorithms | Artificial Intelligence | DataBase and Management System | Web Technologies | Data Science | Computer Networks | Operating System | Mobile Application and Development | Project Management | Analysis of Algorithms

Skills

Programming	Python Git HTML CSS JavaScript React JS React Native Data Visualization Machine Learning Deep Learning
Tools & Applications	Linux Microsoft Office Image Annotator MySQL Workbench Cisco Packet Tracer VSCode Oracle Figma
Soft Skills	Teamwork Problem Solving Time Management Adaptability Leadership
Certifications	Introduction to Data Science (Great Learning) Data Science Trainee (Expert System Solution) Project Management (From Coursera) Backend Development (KS-technologies) Frontend Development (Interns Pakistan)

Experience

Backend Development Intern at KS-technologies | Onsite Aug 2023 - Sep 2023
• Developed frontend and backend for queries and dealers sections in Laravel, utilizing MVC architecture to streamline data management within KS Technologies ERP.
• Engineered user-friendly login page to enhance accessibility and security within Laravel-based ERP platform.

Frontend Development Intern at Interns Pakistan | Remote Sep 2023 - Oct 2023
• Specialized in frontend development with expertise in HTML, CSS, JS, and Bootstrap during internship at Interns Pakistan.

Data Science Trainee at Expert System Solution | Onsite Oct 2022 - Dec 2022
• Learned Python for data science with a focus on data visualization during trainee period.
• Explored and utilized different libraries to create visual representations of data.
• Acquired basic understanding of machine learning concepts through training sessions.

Projects

Debri Glacier Detection System Oct 2023
Final Year Project (FCIT)
• Developing an Automated Deep Learning-based Framework for Monitoring Debris-Covered Glaciers from Remotely Sensed Images, (integrating with the Space & Science Department).

Food Delivery App Dec 2023
Mobile App Development (FCIT)
• Developed a React Native food delivery app with a polished UI, featuring essential elements like splash screens and Firebase authentication.
• Designed a seamless user experience with dynamic home pages, efficient cart management, and real-time order tracking.

Weather APP Sep 2023
Self-Practice Project
• Developed a Weather App in React.js, utilizing API integration for real-time weather data retrieval.
• Implemented a user-friendly search bar for instant access to weather details, showcasing proficiency in React.js, API handling, and responsive design for an engaging user experience.

YouTube Clone Aug 2023
Self-Practice Project
• Built a YouTube clone with instant video access and seamless playback.
• Designed an intuitive sidebar and navbar using HTML, CSS, and JavaScript for an engaging frontend experience.

Empty Chair & Occupied Chair Detection Sep 2023
Simulation & Modeling (FCIT)
• Implemented YOLOv4 for precise empty and occupied chair detection.
• Conducted data annotation and model training, achieving accurate chair detection in simulations.