



Alisha Sultan

SOFTWARE ENGINEER

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Passionate about data science, web development, and mobile app development, I thrive on transforming complex data into actionable insights while crafting seamless and innovative digital experiences.

Education

3.2/4.0 **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, C/C++, Java, Git, LaTeX, HTML, CSS, JavaScript, Bootstrap, React JS, React Native, MongoDB, MySQL, Oracle, Numpy, Pandas, Matplotlib, Machine Learning, Keras, CNN, Firebase
Tools & Applications	Linux, Microsoft Office, Image Annotator, MySQL Workbench, Cisco Packet Tracer, VSCode, Oracle, Figma
Soft Skills	Communication, 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

- KS-technologies, Backend Development Intern | Onsite** Aug 2023 - Sep 2023
- Created the frontend and backend for the queries and dealers sections in Laravel, utilizing the MVC architecture to streamline data management within the KS Technologies ERP.
 - Engineered a user-friendly login page to enhance accessibility and security within the Laravel-based ERP platform
- Interns Pakistan, Frontend Development Intern | Remote** Sep 2023 - Oct 2023
- Interned at Interns Pakistan, specializing in frontend development with expertise in HTML, CSS, JS, and Bootstrap.
- Expert System Solution, Data Science Trainee | Onsite** Oct 2022 - Dec 2022
- Learned Python for data science during my trainee period, with a focus on data visualization.
 - Explored and used different libraries to create visual representations of data.
 - Gained basic understanding of machine learning concepts through the training.

Projects

- Electricity Billing System** Jul 2022
- DBMS (FCIT)
- Developed an Electricity Billing System in Java Swing with SQL integration.
 - Facilitated online bill payments, enhancing user convenience and administrative oversight.
- 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.
- 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.
- 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.
- 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.