

FARZEEN FATIMA

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Education

Sukkur IBA University

Aug 2023 – May 2027

Bachelors of Computer Science

Sukkur, Sindh

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio

Technologies/Frameworks: Linux, Jenkins, GitHub, JUnit, WordPress

Other Skills: Advanced Excel, Advanced MS Word, Data Analysis, Computer Architecture, DLD

Experience

Tech Hackathon

14 April 2025 – 15 April 2025

Sukkur IBA University

Sukkur, Sindh

- Developed a fully functional e-commerce website using HTML, CSS, and JavaScript to provide a seamless user experience for browsing, searching, and purchasing products online.
- Collaborated with a team to design intuitive UI components, product listings, and a responsive layout to ensure cross-device compatibility.
- Implemented interactive features such as a dynamic shopping cart and product filtering to enhance user engagement.
- Recognized as the Best Website in the E-Commerce Category, highlighting the project's professional design, usability, and functionality.

Small Water Plant business

24-May 2021 – 8-August 2023

Client Data Coordinator

Sukkur, Sindh

- Managed client data and daily order records using Microsoft Excel to streamline operations.
- Created organized spreadsheets to track orders, deliveries, and contacts efficiently.
- Applied Excel formulas to ensure accuracy and support business decisions.

Projects

OS Scheduling Visualizer | HTML, CSS, JS

May 2025

- Built a web tool to visualize CPU scheduling algorithms (FCFS, Round Robin, Priority Based, SJF) with process input and realtime results.
- Implemented features to input process details (process number, burst time, arrival time, priority) and examine which algorithm performs best.

- Enhanced user understanding of Operating Systems concepts through interactive visualizations and real-time results.

Algorithm Visualizer | Java

September 2024

- Developed a Java app to visualize DSA concepts like arrays, linked lists, trees, and graphs with animations for better learning.
- Implemented Java-based animations to demonstrate insertions, deletions, and traversals for educational purposes.
- Improved algorithm learning by allowing step-wise execution and visual feedback for each data structure operation.

University Info Website | C++

October 2023

Created a simple C++ program to display university department criteria and program details with interactive menus.

Leadership / Extracurricular

Eco Friend Provisional Director – Sindh

Spring 2025 – Present

- Worked as Eco Friend Provisional Director (Sindh), leading initiatives focused on environmental sustainability and awareness.

AICP Campus Leader

- Served as **AICP Campus Leader**, arranging sessions on campus and guiding team members to achieve organizational goals.