Sara Gulzar
Website Developer

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[GitHub](#)   [Linked In Profile](#)

Profile

I am a Cybersecurity student with hands-on experience in vulnerability analysis and red teaming. Alongside my degree coursework, I have a strong interest in web development. I have completed several projects beyond my university curriculum, gaining practical experience in building responsive, real-world web applications using React, Node.js, Express.js, and SQL.

My expertise includes designing relational databases, implementing CRUD operations, and developing secure web systems. I integrate cybersecurity principles into backend architecture to ensure robust, secure applications. I am passionate about building scalable, maintainable web applications with clean, efficient code.

Education

B.Sc. in Cybersecurity – FAST-NUCES, Islamabad | 2022 Present

FSc Pre-Engineering – Bahria College, Islamabad | 2020 – 2022

Professional Experience

Intern – UrduX Lab | FAST-NUCES | July 2024 •
Hands-on experience with modern AI technologies, enhancing understanding of AI trends.

Ignite Cyber Hackathon Workshop | Bahria University | 2023
- Participated in Capture the Flag (CTF) challenges and cybersecurity exercises.

Python Workshop | FAST-NUCES | 2023
- Developed practical Python projects to strengthen programming and problem-solving skills.

Technical Skills

Frontend: React.js · HTML5 · CSS · Tailwind CSS · JavaScript

Backend: Node.js · Express.js · Flask · REST APIs · CRUD

Database: MySQL · SQL · Relational Database Design · Database Normalization

Security & Tools: Digital Forensics · Vulnerability Assessment · Secure Coding Practices · Git/GitHub · API Integration

Other: C++ · Python · Figma

Projects

React Weather App | React, Tailwind CSS, REST API
- Responsive weather app with real-time API data, city search, error handling, and mobilefriendly UI.

Full-Stack Movie Management System | Node.js, Express.js, MySQL
- Full-stack app with CRUD operations, database design, server-side validation, and secure queries.

Bakery Business Website | HTML, CSS, Tailwind CSS, JavaScript
- Responsive landing page with modern, clean UI.
  Additional Projects: Password Extractor Tool, Network Emulator, Stock Exchange Simulator, To-Do App, E-Vote System, Fitness App

Certificates

- Work Smarter Microsoft Excel| Coursera |2023
- Windows Forensics | Belkasoft | 2025
- Visual C++ Programming for Desktop Application | Udemy | 2023
- Ethical Hacking Udemy | 2023
- Website Development | Coursera |2023