

Syeda Samaha Batool Rizvi

Software Developer

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Portfolio-website

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A results-driven and highly motivated Computer Science student with a strong passion for web development and software engineering. Experienced in various programming languages and development tools, eager to secure a position in a growth-oriented company. I aim to apply my skills in development, testing, design, integration, support, and maintenance to meet specific needs and contribute effectively to mutual growth.

EDUCATION

- **Undergraduate | FAST NUCES KHI** [2021-present]
 - Bachelor's in Computer Science CGPA: 3.44

EXPERIENCE

- **ACM 2024-25 (FAST NUCES, KHI) | Co-Tech Lead** [Sept'24-Present]
 - Manage tech teams for web development, automation, training, and events like Coder's Cup and DevDay '25.
 - Oversee email automation, attendance, registration, and website for smooth event operations.
- **AEROGLOBE | Backend Development Intern** [Apr'24-Jun'24]
 - Developed RESTful APIs and gained hands-on experience with Django.
 - Built a To-Do list for project task tracking.
- **DEVDAY'24 (FAST NUCES, KHI) | Head Automation Team** [Feb'24-May'24]
 - Led automation efforts, developing an attendance system and chatbot, reducing manual work by 60%.
- **PROCOTM'24 (FAST NUCES, KHI) | Deputy Automation Team** [Jan'24-Mar'24]
 - Led an 8-member team to create a QR-based Attendance System, reducing manual work by 75%.

PROJECTS

- **To Do List | Full-Stack (Django, RESTful APIs)** [May 2024]
 - Developed a comprehensive to-do list application with separate admin and user panels for efficient project and task management.
 - Enabled users to change task priority and completion status dynamically.
 - Implemented full CRUD functionality for admins using RESTful APIs, ensuring seamless data operations.
- **Attendance Management System | Full-Stack (Django, SQLite)** [Jan-Mar 2024]
 - Implemented automated attendance tracking with QR code scanning, significantly reducing manual work by 75%.
 - Enhanced data accuracy and integrity using SQLite for efficient database management.
 - Improved certificate issuance accuracy by 90% through robust backend processing.
- **Tourism Management Platform | Full-Stack (PHP, MySQL)** [Feb 2024]
 - Developed a scalable platform using PHP, optimized for tourism management.
 - Designed an intuitive admin panel with user-friendly interfaces, reducing workload for non-tech users by 50%.
 - Integrated MySQL for reliable data storage and management.
- **Housing Society Management System | Full-Stack (PHP, MySQL)** [Sep-Dec 2023]
 - Created a web-based management system to streamline housing society operations, improving efficiency by 40%.
 - Implemented distinct admin and user panels with an intuitive UI for enhanced usability.
 - Leveraged PHP and MySQL for robust backend support and efficient data handling.

SKILLS

- **Programming Languages:** Python, PHP, HTML, CSS, Javascript, C/C++, SQL, NOSQL, Git, LaTeX
- **Tools & Libraries:** Scipy, Matplotlib, Tensorflow, MATLAB, CUDA, Pandas, NumPy, Pygame, MPI, OpenMP, LaTeX
- **Frameworks:** Django, REST Framework, Bootstrap, React.js, Express.js, Node.js, MongoDB
- **Softwares:** Linux, Docker, Visual Studio Code, GitHub, PyCharm, Arduino, MySQL, Oracle, Microsoft 365