

Syeda Samaha Batool Rizvi

Software Developer

Karachi, PAKISTAN

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, and training.
 - Supervise systems for event operations like Coder's Cup, DevDay '25.
- **TBOH | Volunteer Backend Team Lead** [june'24-Present]
 - Lead backend development for a learning platform supporting special-needs children.
- **AEROGLOBE | Backend Development Intern** [Apr'24-Jun'24]
 - Developed REST APIs and created a To-Do list for task tracking in Django.
- **DEVDAY'24 (FAST NUCES, KHI) | Head Automation Team** [Feb'24-May'24]
 - Designed attendance systems and chatbots, reducing manual workload by 60%.
- **PROCOM'24 (FAST NUCES, KHI) | Deputy Automation Team** [Jan'24-Mar'24]
 - Led team to implement a QR-based attendance system, cutting manual work by 75%.

PROJECTS

- **TBOH Website | Django, RESTful APIs, PostgreSQL** [Dec 2024]
 - Built a learning platform for children with dyslexia, ADHD, and autism.
 - Developed APIs for efficient data management and frontend integration.
- **To Do List | Full-Stack (Django, RESTful APIs)** [May 2024]
 - Created a task management app with user/admin panels and CRUD functionality.
- **Attendance Management System | Full-Stack (Django, SQLite)** [Jan-Mar 2024]
 - Automated attendance via QR codes, improving accuracy by 90
- **Tourism Management Platform | Full-Stack (PHP, MySQL)** [Feb 2024]
 - Designed a scalable platform with an admin panel to streamline processes.
- **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.

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, LaTeXX
- **Frameworks:** Django, REST Framework, Bootstrap, MongoDB
- **Softwares:** Linux, Docker, Visual Studio Code, GitHub, PyCharm, Arduino, MySQL, PostgreSQL, Oracle, NginX