





MAHRUKH KASHAN

SOFTWARE ENGINEER

CONTACT

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 Lahore, Pakistan

LINKS

[Youtube](#)
[LinkedIn](#)
[Github](#)
[Portfolio-Website](#)

SKILLS

- **Languages:** Python, C#, C++, SQL
- **Frameworks:** .NET, SaaS
- **Software Engineering:** SDLC, SRS, SDD, Testing
- **Tools:** PyCharm, GitLab, SSMS, VS code, spyder

EDUCATION

B.Sc. Computer Science
University of Engineering and Technology (UET), Lahore
2022-2026 (expected)

Relevant Courses:

- Software Engineering, Database Management Systems, Information Security
- Object-Oriented Programming (OOP), Data Structures, Design and Analysis of Algorithms

PROFILE

Software Engineer with hands-on experience in developing scalable systems and writing technical documentation. Practiced for software development, database design, and collaborative project execution.

Check out my [portfolio](#) to see my projects in action!
I have worked on various projects utilizing AI assistance, but I possess in-depth knowledge of each component and understand how every aspect was implemented. Seeking an opportunity to apply my skills in real-world projects and gain industry experience.

WORK EXPERIENCE

Projects

Event Management System (Full-Stack Web Application) January-2025

- Developed a comprehensive event management platform with features for event creation, booking, and user roles (admin/attendee).
- Designed a relational database schema and integrated it with the backend using SQL Server.
- Wrote technical documentation (SRS, SDD, Testing Reports) following SDLC best practices.
- Implemented CRUD operations and ensured seamless data flow between frontend and backend.

Portfolio Website (Personal Project) April-2025

- Built a responsive portfolio website to showcase projects, skills, and professional background.
- Optimized for performance and SEO using static site generation (Gatsby).
- Integrated interactive elements (e.g., filters, dynamic content loading) for improved UX.

Cars Inventory Management System (C# .NET Project) May-2024

- Created an inventory management system for a car dealership.
- Designed and implemented a relational database schema for managing inventory data.
- Developed an interactive user interface with sales tracking and reporting functionalities.

Web Scraping and Books Management System (Python) January-2024

- Implemented a web scraping application to extract book data from online sources.
- Utilized sorting and searching algorithms for efficient data organization.
- Developed a user-friendly interface for book browsing and management.

Hotel Management System (Python) October-2023

- Built a hotel management system with features like room booking, guest management, and billing.
- Applied advanced data structures and algorithms for seamless operations.

Project Collaborator & Technical Writer

- Produced comprehensive documentation for projects, including setup, functionality, and usage guides.
- Collaborated on various group projects, playing a key role in planning, execution, and delivery.
- Developed user guides and technical documentation to ensure clarity and usability.