

JASIA MEHMOOD

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SUMMARY

Dedicated Computer Science professional with an MS in Computer Science and experience in undergraduate teaching, academic research, and student mentoring. Passionate about creating an engaging learning environment that promotes critical thinking, problem-solving, and lifelong learning. Committed to contributing to teaching excellence, research, curriculum development, and preparing future computing professionals.

PROFESSIONAL EXPERIENCE

Project Manager

1st Aug 2025 - 30 Nov 2025

- Managed the end-to-end delivery of multiple Flutter mobile applications and web development projects from initial planning to final deployment.
- Collaborated closely with cross-functional development teams and international clients to ensure project requirements, timelines, and milestones were met.
- Spearheaded the requirement gathering phase to draft comprehensive Software Requirement Specifications, transforming client visions into clear technical blueprints.
- Monitored project workflows daily, resolved technical bottlenecks with developers, and provided regular progress updates and demonstrations to stakeholders.

Visitor Lecturer

1st Feb 2023 - 31 June 2025

- Delivered comprehensive lectures in core Computer Science subjects through both in-person and online platforms, including Zoom and Google Meet.
- Developed and implemented engaging lesson plans strictly aligned with HEC curriculum standards and modern educational best practices.
- Managed and assessed undergraduate student learning through standardized tests, quizzes, and semester projects, providing constructive feedback to improve performance.
- Utilized Learning Management Systems (LMS) to maintain course files, track student progress, and facilitate digital feedback and academic coordination.

Teaching Assistant

17 Nov 2021 - 31 Jan 2023

- Supported academic instruction by assisting with lab sessions, tutorials, and lesson preparation.
- Assisted with grading, feedback, and evaluation of student work in programming, database, and software engineering courses.
- Facilitated student engagement through discussion sessions, clarifying concepts, and troubleshooting academic queries.
- Contributed to curriculum support and coordination of academic activities with faculty.
- Assisted in developing research-oriented training modules, bridging the gap between theoretical concepts and practical applications.

Digital Marketing Strategist

1st Dec 2019 - 30 Dec 2021

- Managed digital marketing campaigns and brand communication across online platforms.
- Built and managed responsive, user-friendly WordPress websites.
- Created content strategies and wrote clear, educational blogs and social media posts.
- Handled clients' YouTube channels, including video editing and YouTube SEO to grow subscribers.
- Analyzed audience data and platform metrics to improve engagement and reach.

EDUCATION

2021-2023

Masters in Computer Science

Islamia University Bahawalpur

2016 - 2020

Bachelors in Information Technology

Islamia University Bahawalpur

SKILLS

Professional

- Analytical Thinking
- Communication & Presentation
- Academic Administration
- Team Collaboration
- Project Coordination
- Pedagogical & Instructional Skills
- Virtual Classroom Management

Technical

- Web Technologies (HTML, CSS3, JavaScript)
- Programming (Python (NumPy, Pandas), C++, SQL)
- Software Engineering Fundamentals
- Microsoft Office (Word, Excel, PowerPoint)
- Teaching Tools: Zoom, Google Meet, Google Classroom.

RESEARCH & PUBLICATIONS

- **MS Thesis:** "An Empirical Study for Software Quality Assurance Practices in Pakistan: A Comparative Study with Developed Countries".
- **Manuscript in Preparation:** "A Comparative Analysis of Agile Software Quality Assurance Tools and Practices across Regional and International Environments".
- **Research Focus:** Empirical analysis of Agile methodologies, automated SQA tools, and industry-standard quality protocols within the Pakistani software sector versus global benchmarks.

COURSES & CERTIFICATES

- Pedagogical Training — Islamia University of Bahawalpur
- Python Programming Language — CAS Academy
- Machine Learning — Corvit
- WordPress Development — DigiSkills

INTEREST & HOBBIES

- Artificial Intelligence tools exploration and evaluation
- AI-based automation and productivity systems
- Businesses Exploration
- Event Management, Book Reading & Traveling

ADDITIONAL INFORMATION

- **Languages:** English, Urdu, Punjabi
- **Awards:** Silver Medalist (BS-2020)