

Muhammad Asad Iqbal

+92 3337941364 | masadiqbal385@gmail.com | <https://www.linkedin.com/in/muhammad-asad-iqbal> | github.com/m-asad-iqbal-07

EDUCATION

University Of Mianwali

BS Software Engineering

Punjab, Pakistan

Nov. 2021 – July 2025

KEY ACHIEVEMENTS

Hackathon Participant — Code'x24

[Feb] 2023

NAMAL University

Mianwali, Pakistan

- Collaborated in a team to design and develop a Graphics under time constraints, focusing on innovative problem-solving
- Presented technical solutions to judges, receiving feedback on creativity and execution

Organizer — NextGen Society

January 2025 – Present

University Of Mianwali

Mianwali, Pakistan

- Organized programming & graphic design competitions for 50+ participants, managing event logistics and promotions
- Mentored peers in coding (Python/Java) and design tools (Canva/Photoshop) through hands-on workshops
- Judged submissions based on technical proficiency, creativity, and real-world applicability

Participant — 2nd International Conference on Science & Technology (ICT-24)

Dec 2024

University Of Mianwali

Mianwali, Pakistan

- Attended workshops on emerging trends in science, IT, and technology applications
- Engaged in discussions about ethical AI and sustainable tech solutions with industry experts
- Gained insights into data-driven research methodologies and innovation frameworks

1st Frontiers in Computational Intelligence & Data Science Conference

Feb 2025

University Of Mianwali

Mianwali, Pakistan

- Participated in sessions on AI, machine learning, and big data analytics trends
- Networked with researchers to discuss computational models for real-world problem-solving

PROJECTS

Agri Diagnosis: AI-Powered Crop Disease Detection | *React Native, Python, TensorFlow* Nov 2024 – Present

- Co-developed a mobile app to detect wheat diseases (rust, mildew, blight) using **TensorFlow Lite** for offline image analysis
- Built a React Native frontend with camera/image upload functionality and real-time results, optimized for rural users with limited internet
- Trained a CNN model (Python/Keras) on 10,000+ crop images, achieving 97% accuracy in disease classification
- Designed a user-friendly UI supporting English/Urdu and implemented local storage for offline access

Portfolio Website | *HTML, CSS, JavaScript, Reacts*

March 2025

- Designed and developed a responsive portfolio website from scratch using **React** and **JavaScript** for dynamic content rendering
- Implemented modern UI/UX principles with **CSS Flexbox/Grid** and animations for seamless cross-device compatibility

TECHNICAL SKILLS

Languages: Java, Python, C++, React, JavaScript, HTML/CSS

Frameworks: React, Node.js, WordPress, React-Native, FastAPI

Developer Tools: Git, , Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib, Tensorflow, Keras