MUHAMMAD IBTISAM AFZAL

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ABOUT ME

I'm a dedicated third-year Computer Science undergraduate, with a solid foundation in programming, problem-solving, and data-driven solutions, while continuously expanding and refining my skills. I have led projects for Artificial Intelligence and Web Development, leveraging OOP principles and SQL databases to deliver impactful results. Currently, I am delving into building real-world AI applications, combining the knowledge gained from my web development and AI courses to create practical solutions. A proud participant in prestigious hackathons like NASA's Space Apps and #BuildwithAI Hackathon, I thrive on collaborating with diverse teams to tackle real-world challenges and innovate at the intersection of technology and creativity.

EDUCATION

Bachelor of Science in Computer Science   September 2022 - August 2026
COMSATS University Islamabad, Sahiwal Campus
Current CGPA: (3.45/ 4)

Intermediate in Computer Science   September 2020 - July 2022
Punjab Group of Colleges, Okara
Grade: A

DIGITAL SKILLS

C++ | Python | SQL | HTML | Bootstrap | PHP | Laravel | Pandas | Numpy | Streamlit | Microsoft Office | Canva | Figma

SOFT SKILLS

Good organizational and planning skills | Decision-making | Responsible | Result Driven Approach | Time management | Analytical thinking | Verbal Communication | Self-motivation | Attention to detail | Teamwork | Problem Solving Skills | Research

CERTIFICATIONS

- AI Fundamentals (DataCamp)
- Microsoft Office Specialist MO-100 (Microsoft)
- Object Oriented Programming in Java (UC San Diego)
- Postman API Fundamentals Student Expert (Postman)

ADDITIONAL INFORMATION

Projects:
AI-Driven Daily News Content Generator: Developed during the GenAI.Work Hackathon 2024, this Streamlit-based app generates personalized, real-time news articles using AI technologies like OpenAI API and Hugging Face Transformers. It features multilingual support and article summarization to enhance content delivery.

Bid & Ride: A web-based car auction platform developed as part of my semester project, allowing users to bid on cars in real time. Built using HTML, CSS, Bootstrap, JavaScript, PHP, Laravel, and MySQL, the platform features account creation, live bidding, and vehicle previews, offering a seamless user experience.

Alien Crops: As part of the NASA Space Apps Challenge, our team developed Alien Crops, an innovative web-based platform designed to assist farmers in diagnosing and managing crop diseases. By leveraging AI and image recognition, the application analyzes uploaded images to detect diseases and provide treatment recommendations. Using technologies like Python, OpenCV, and machine learning, this project showcases the potential of AI in enhancing agricultural practices and solving real-world challenges.

Languages:
- Urdu (Native)
- English

Volunteering:
- Microsoft Learn Student Ambassador
- Design Team Member @NotionCUISahiwal
- Google Maps Local Guide - Level 08