

KINZA AFZAL

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• 0324-2217127

SUMMARY

5th-semester Computer Science student with experience in frontend development, AI/ML, and open-source projects. Skilled in Python, OpenCV, Streamlit, and web development, with multiple certifications and a strong eagerness to learn emerging technologies.

WORK EXPERIENCE

Virtual Frontend Development Intern - MSN Academy	Aug 2025 - Present
• Designed and developed a responsive frontend website for MSN Academy during the internship.	
• Deployed the website successfully on Vercel: https://msn-academy-ten.vercel.app/	
Open Source Contributor - GirlScript Summer of Code (GSSoC)	July 2025 - Present
• Selected as a GSSoC Contributor where I contributed to open-source Web and Machine Learning projects, resolving bugs, implementing features, and optimizing codebases.	
Teaching Assistant of Data Structures	Present
• Assisting instructor in assignments, quizzes evaluation as well as mentoring students.	

EDUCATION

Olevels

Happy Palace Group of School (HPGS) | Grades: 8A*s **Aug 2019 - June 2021**

Alevels

Highbrow College | Grades: 3A*s 1A **Aug 2021 - June 2023**

Bachelor of Computer Science

FAST NUCES | CGPA: 3.91 **Aug 2023 - June 2027**

HONOURS AND AWARDS

- Rector's List of Honours in Fall 2024 and Spring 2025
- Dean's List of Honours in Fall 2023 and Spring 2024

CERTIFICATIONS

- Deloitte Technology Consulting Virtual Job Simulation
- DataCamp Certificate (Supervised Learning with Scikit-learn)
- Simplilearn Certificate (Introduction to Artificial Intelligence)

PROJECTS

• **Traffic Control Simulation | C++ & OS Concepts | [GitHub Link](#)**

Simulated traffic control at intersections using threads, semaphores, and mutexes for synchronization.

• **Algorithm Visualiser | HTML,CSS,JavaScript, Data Structures | [GitHub Link](#)**

Developed an interactive visualization tool for sorting algorithms (Bubble, Merge, Quick, etc.) to aid learning and debugging.

• **Predicting Bug Type from Text | Machine Learning & NLP | [GitHub Link](#)**

Developed a Machine Learning & NLP model to predict bug types from text data

• **Face, Smile and Eye Detection | OpenCV | [GitHub Link](#)**

Developed a real-time face, eye, and smile detection system using OpenCV Haar cascades and Python, demonstrating computer vision and image processing skills.

• **Gesture Volume Control | OpenCV | [GitHub Link](#)**

Implemented a real-time hand gesture-based volume control system using OpenCV, Mediapipe, and Pycaw, enabling intuitive multimedia interaction with Python.

• **Heart Disease Dataset Analysis | Python, Pandas, Matplotlib | [GitHub Link](#)**

Performed statistical analysis and visualization on a heart disease dataset using EDA techniques.

• **Sales Data Analysis | Python, NumPy, Seaborn | [GitHub Link](#)**

Conducted exploratory data analysis (EDA) on sales data to identify trends, patterns, and insights.

• Currently working on a Pseudocode LLM Checker as part of an experimental project.

SKILLS

- **Technical Skills:** HTML, CSS ,C, C++, Python, Github, MYSQL, Bash scripting, Assembly, Machine Learning, NLP, OpenCV
- **Languages:** English, Urdu
- **Tools for Project Management:** Jira, SCRUM, Github,Notion

RELEVANT COURSES

- Object Oriented Programming
- Operating Systems
- Calculus and Analytical Geometry
- Multivariable Calculus
- Probability and Statistics
- Linear Algebra
- DataStructures
- Computer Organization and Assembly language
- Applied Machine Learning

CO-CURRICULAR ACTIVITIES AND LEADERSHIP ROLES

- Co-Head of Design Team - ACM NUCEs 2025-2026
- Guest Relations Lead at ACM AI society 2025-2026
- Head of Design Team - IEEE Society
- Star Performer - Seminar Team, Developers Day'25
- Coordinator, Automation Team - Developers Day 2025
- Guest Relations coordinator, Developers Day 2025

HOBBIES

- Table tennis, Painting, Writing, Chess