### Name:

### [Syeda Irha Azhar Kazmi]

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### Career Objective / Profile:

Passionate AI engineer with strong skills in machine learning, data analysis, and programming. Interested in developing intelligent systems and real-world AI solutions.Seeking opportunities to apply AI techniques to solve real-world challenges and drive technological innovation.

### Education:

### Bachelor of Science in Artificial Intelligence, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad, August 2023

### Relevant Courses: Programming Fundamentals, Object-Oriented Programming, Linear Algebra, Data Structures and Algorithms, Programming for Artificial Intelligence, Database Systems, Artificial Intelligence, Machine Learning, Design and Analysis of Algorithms

GPA: 3.1 / 4.0

Intermediate in Computer Science (ICS), Kips College, Islamabad, Aug 2021 – Jun 2023

### Relevant Courses: Computer Science, Physics, Mathematics

### Percentage: 90%

General Science (Biology Group), Siddeeq Public School, Rawalpindi, Mar 2011 – Jun 2021

### Relevant Courses: Biology, Chemistry, Physics, Mathematics

Percentage: 93%

### Skills:

### Programming Languages: Python, C, C++, C#, Java, JavaScript, HTML, CSS, SQL, R, MATLAB, Node.js

### Web Development: HTML, CSS, JavaScript, React, Node.js

### Databases: MySQL, MongoDB

### Tools and Platforms: Git, Visual Studio Code, Visual Studio, PyCharm, Oracle, Eclipse, Jupyter Notebook, MySQL Workbench, R Studio

* Analytical and Soft Skills: Problem Solving & Critical Thinking, Attention to Detail, Communication

### Languages: English, Urdu, Spanish, German

### Experience / Internships:

### AI / ML Intern, Code Generation, Islamabad

### July 2025 - September 2025

* Developed a Financial Data Parser project using Machine Learning and Artificial Neural Networks to predict financial trends.
* Preprocessed large CSV datasets, trained predictive models, and evaluated performance using standard ML metrics.

1. Volunteer, Saaya Association, Islamabad

March 2025 - April 2025

* Assisted in organizing activities and workshops for individuals with disabilities, supporting community engagement.
* Gained hands-on experience in volunteer management, teamwork, and program coordination.

1. Lab Demonstrator - Data Structures and Algorithms, FAST NUCES, Islamabad

August 2025 – Present

* Assist students in understanding core concepts of data structures, including linked lists, trees, and graphs, through lab sessions and practical demonstrations.
* Evaluate students’ lab tasks and quizzes, providing constructive feedback to enhance coding practices.

### Projects / Research:

### Restaurant Review Scraper + Sentiment Visualization, November 2024

* Objective: Extract and analyze customer sentiments from online restaurant reviews.
* Outcome: Scraped 1,500+ reviews; used LLM prompts to classify sentiments and visualized trends to identify common issues and strengths.
* Tools: Python, Selenium, BeautifulSoup, Matplotlib/Seaborn.

### Task – Oriented AI Agent, June 2025

* Objective: Develop a local-first AI assistant capable of performing tasks with short-term memory and tool integration.
* Outcome: Created an AI assistant with model-switching capabilities using LLaMA3, demonstrating efficient task handling.
* Tools: LangChain, Streamlit, Ollama, LLaMA3.

### Street Fighter 2 AI Agent, January 2025

* Objective: Build an AI agent capable of adaptive gameplay in Street Fighter 2.
* Outcome: Controlled in-game player via socket-based API; modeled opponent behavior to improve decision-making.
* Tools: Python, Socket Programming, Game API.

### Achievements / Extracurricular Activities:

* Participant, Coding Competitions, FAST NUCES — 2024
* Medal Recipient, KIPS College — 2023
* Volunteer, Saaya Association for Disabilities — 2025
* Top Performer, AI/ML Internship, Code Generation — 2025