# AHMAD FRAZ

## SOFTWARE ENGINEER

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Software Engineer focused on creating efficient, high-performance solutions. Skilled in coding, problem-solving, and system design, with a strong ability to collaborate across teams and deliver scalable software.

## AREA OF EXPERTISE

- C/C++ (PF,OOP, DSA)
- HTML,CSS, Java Script
- Assembly
- Computer Networks
- SQL
- Python
- ML Models
- Operating Systems
- React Native
- .Net
- Data Analysis
- Ms Office

## PROJECTS

- **Eatsy:** A food delivery app using React Native (Expo), .NET backend, Firebase, and Gemini chatbot for real-time data and user interaction.
- **Fitness Website**: Created a fitness website with HTML, CSS, JavaScript, and Django framework, implementing user authentication and workout tracking features.
- **Tetris:** Built in C++ using SFML and OOP principles, focusing on game logic and edge cases.
- **Machine Learning Models:** for supervised and unsupervised tasks using Python, Scikit-learn, and Pandas
- **OpenCV : C**ar number plate detection, hand-controlled mouse, and corner detection in real-time image processing.

## PROFESSIONAL EXPERIENCE

**Teacher Assistant, Fast NUCES, Lahore**                    **Aug 2023 - Jan 2025**

- Assisted in conducting assembly language lab sessions, supporting students with coding exercises and troubleshooting programs to enhance their understanding of low-level programming concepts.

**WEB Developer (Internship), LSM Lahore**                    **Mar 2023 - Jun 2023**

- Completed a web development internship, building responsive websites with HTML, CSS, JavaScript, Django, and SQL, while assisting in feature development and database management.

## EDUCATION

**Bachelor of Science in Computer Science**                    **Aug 2022 - Aug 2026 (Present)**

FAST NUCES, Lahore.
- CGPA (3.5)

**Intermediate in Computer Science**                    **Jun 2020 - March 2022**

Government College University, Lahore
- Scored 95%

## ACHIEVEMENTS

- **Dean's List:** Fall 2023, Fall 2024
- **Certifications:** Web Development Internship, Data Science and Machine Learning Course
- **Awards/Activities:  (By CA Pakistan)** Top 20 position holders among BISE Lahore, Participation in programming competitions.