

Ayka Imran

Software Engineer

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EDUCATION & QUALIFICATIONS

- University (Software Engineering Degree)**
FAST- NUCES, Lahore (Aug,2023-Present)
Completed 4 semesters (currently in 5th semester)
(3.67/4 GPA)
- A levels (Done in Computer Science) (2021-2023)**
College Name: Keynesian institute of management and sciences (KIMS)
(1012/1100 marks-92%)
- O levels (Science Group) (2019-2021)**
School Name: Keynesian institute of management and sciences (KIMS)
(832/900 marks-92.44%)

SKILLS

- Programming:** NLP, C, C++, Java, JavaScript, Node.js, Assembly Language, React, Visual Basic, Posgresql, Python
- Technical Tools:** MATLAB, Visual Studio, Visual Studio Code, Adobe Photoshop, Illustrator, JIRA, JUnit, Git
- Soft Skills:** Strong analytical thinking, problem-solving abilities, excellent interpersonal skills, and teamwork capabilities.

ACHIEVEMENTS

- Department Topper:** Secured first position and received a gold medal and cash prize for achieving the highest GPA in the Software Engineering Department. (2025)
- Academic Excellence:** Merit-based scholarship holder (2019-2023).
- Dean's Honor List:** Recognized for academic excellence (Spring 2024 and Fall 2025).
- High Achiever Awards:** Received five High Achiever Awards (2018, 2019, 2021, 2022, 2023) in 8 class, o and a levels.
- Language Proficiency:** O-Level Exam Certificate of French language.
- UI/UX & Design:** Certified in Advanced Graphic Designing and UI/UX from NS Training (2024).

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

- Cohead of Decor in IEEE Robotics and Automation Society in University:** Led and managed society initiatives, organized events, and coordinated with university administration. (2024-2025)
- Deputy Head of Literary society in university:** Managed and decorated event venues, including large-scale literary events and university book fairs. (2024-2025)
- Deputy Head of Reception in SOFTEC Society in University:** Oversaw activities, collaborated with members, and contributed to society growth (2024-2025)
- Security Head:** Awarded a certificate and shield for serving as the only Female Head of Security at the Sports Fest (2023)
- Programming competitions:** Certification in CodeBees Competitive Programming in Java (October 2025)

PROJECTS

- Smog-Aware Navigation System (2025 - in progress):** Developing a Python + React web application that visualizes real-time smog levels on road maps and suggests optimal routes by considering both traffic density and air quality.
- Tenant-Landlord Management System (2025):** Designed a property and rent management system to streamline tenant-landlord interactions, automate rent tracking, and manage lease details efficiently. Frontend: Reactjs. Backend: spring boot/java
- Resume Maker with AI Integration (2025):** Developed a full-stack web application enabling users to create, edit, and download resumes with AI-powered content suggestions and real-time preview. Focused on backend logic, data processing, and AI integration over frontend design. Built with React + TypeScript (frontend), Node.js + Express + MongoDB Atlas (backend), and Python Flask + Ollama (AI engine). Features include authentication, profile management, AI-assisted content generation, PDF downloads, and editable saved resumes.

- **Restaurant Management System (2025):** Developed a full-stack web application using React, Node.js, and SQL for streamlined menu browsing, ordering, reservations, and cart functionality.
- **Energy Consumption Planner (2024):** Built a C++ desktop application with SQL and .NET Framework to track and optimize electricity usage, offering intelligent peak/off-peak scheduling.

Experience

MERN Stack internship (Code5 Technologies)

Lahore : Jun 2025 – Jul 2025

- Developed an admin dashboard and backend REST APIs using Node.js, Express, and MongoDB Atlas.
- Built a Resume Builder web application with AI integration (React, Node.js, MongoDB, Flask, Ollama AI).

Instructor (POLYMATH KIDS)

Lahore: Dec 2024 – Present

- Teach C++ and Web development course

Lab Demonstrator (FAST-NUCES)

Lahore: Aug 2025 – Present

- Assist students in understanding Assembly Language concepts.

Teaching assistant (FAST-NUCES)

Lahore: Aug 2025 – Present

- Assist students in understanding digital logic design
- Design and grade assignments and quizzes.