Ali Raza

SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Software Engineering student at National Textile University, Faisalabad, with strong skills in full-stack web development and agentic AI. Proficient in HTML, CSS, JavaScript, Python, and C++, with hands-on experience in AI-driven and web-based projects. Proven leadership as Class Representative and participant in DAIRA 2025 Software Sprinting Hackathon.

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EDUCATION

Bachelor of Science in Software Engineering | Sep 2024 – Sep 2028
National Textile University, Faisalabad
- **CGPA: 3.7**

CERTIFICATIONS & ONLINE LEARNING

- **MICROSOFT PYTHON DEVELOPMENT PROFESSIONAL CERTIFICATE — COURSERA**
  COMPLETED COMPREHENSIVE PYTHON DEVELOPMENT COURSEWORK COVERING DATA STRUCTURES, WEB SCRAPING, AND DATABASE MANAGEMENT.
- **HTML, CSS, AND JAVASCRIPT FOR WEB DEVELOPERS — COURSERA**
  LEARNED THE FUNDAMENTALS OF FRONT-END WEB DEVELOPMENT, INCLUDING RESPONSIVE LAYOUTS, INTERACTIVE ELEMENTS, AND DYNAMIC WEB CONTENT.
- **AGENTIC AI DEVELOPMENT WITH OPENAI SDK — IN PROGRESS**
  LEARNING TO BUILD AI-POWERED APPLICATIONS USING LARGE LANGUAGE MODELS AND AGENTIC FRAMEWORKS.

PROJECTS

Ai Powered To do List
OpenAI SDK Project, 2025
- Developed an AI-powered to-do list application using the OpenAI SDK and large language models.
- Integrated natural-language commands for adding, deleting, and updating tasks via conversational prompts.
- Demonstrated seamless intent recognition and CRUD operation handling within a productivity tool.

Ai coding Assistant
Personal Project, openai agent SDK
- Developed a coding assistant that dynamically generates code, saves it to structured files, and produces automated, bullet-point documentation.
- Applied modular and object-oriented programming techniques to separate code generation, file management, and documentation processes for maintainability.
- Integrated file I/O operations, robust error handling, and a command-line interface for efficient, reliable code generation and management.

SKILLS

- Programming Languages: C++, Python, JavaScript
- Web Technologies: HTML, CSS
- Concepts: Object-Oriented Programming (OOP), CRUD Operations, Command-Line Interfaces (CLI)
- AI & Frameworks: OpenAI Agent SDK, Chainlit