Saqib Ahmed

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Education

Sindh Agriculture University Tandojam (2022-2026) Continue

- Bachelor of Information and Technology **CGPA 3.61**

Experience

- **Volunteer Experience:** Jan-May
  - In school I taught Computer Subject, where we cover fundamentals of computers like hardware, ram, computer architecture and hands-on projects.

Honors and Achievements

- **Meta Hacker Cup:** Link 2024
  - Where, I Solved complex problem industry level and also explored new things during problem solving.
- **CALICO Fall 2024:** Link 2024
  - Enhanced problem-solving and programming skills through comprehensive, hands-on practice
- **Harvard Puzzle Day:** Link 2025
  - Solved all 9 puzzles with a perfect score. Showed strong problem-solving, logical thinking, and teamwork skills.

- **Hackathon Winner x1: (AI Health Assistant)** Link
  - Secured 3rd place in the Code Fusion Hackathon with AI Health Assistant Project.

Projects

- **Titanic Dataset – Exploratory Data Analysis (EDA)** Link
  - Performed data cleaning and visualization on the Titanic dataset using NumPy, Pandas, Matplotlib, and Seaborn to identify survival patterns and insights.
- **ResuMatch AI** Link
  - Resume screening tool using Hugging Face and Streamlit to match resumes with job descriptions and highlight skill gaps.
- **Codebase Archaeologist** Link
  - Developed an AI-powered system to analyze and modernize legacy code from text, files, and screenshots
  - Integrated Google Gemini for multimodal reasoning (text + image-based code understanding)
  - Designed structured JSON outputs to generate automated documentation, security insights, and refactoring suggestions
  - Built an interactive dashboard using React and TypeScript with separate views for documentation, security, and improvements
  - Implemented a context-aware chatbot that answers questions based on analyzed code
  - Ensured user privacy by storing analysis history in browser local storage without backend dependency

- **AI Health Assistant** Link
  - Developed an AI-based system to analyze symptoms and recommend doctors with location support
  - Built during a hackathon, focusing on real-world healthcare solutions
- **Smart Career Counselor** Link
  - Created a system that analyzes resumes and recommends suitable job roles with match percentages
  - Integrated chatbot for CV improvement and interview question generation

Technical Skills

- **Programming Languages:** Python, HTML, CSS, JavaScript, TypeScript
- **Data Structures & Algorithms (DSA):** OOP, Problem solving.
- **Python Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Tensorflow, OpenCV, Flask
- **AI & Data Science:** Machine Learning, Deep Learning, Data Analysis, Exploratory Data Analysis (EDA), Resume Parsing, and AI-based Recommendation Systems, LLM.
- **Tools & Version Control:** Git, GitHub, VS Code
- **AI Tools:** Google Gemini, Hugging Face, Prompt Engineering, and Google AI Studio.

Certifications & Courses

- **Generative AI Course:** Pak Angels Silicon Valley (Online) Link
- **Google AI Essentials:** Coursera (Online) Link
- **AI & Data Science:** SMIT 10-month course Link