

Nauman Sajjad

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Professional Summary

As an AI and Automation enthusiast with hands-on experience in building intelligent systems, full-stack platforms, and agent-based tools. Skilled in turning ideas into functional products using OpenAI APIs, Python, and modern Web Technologies. Proficient in designing AI-driven solutions that address real-world needs, with a focus on usability, performance and adaptability. Curious, self-motivated, and committed to continuous learning and contribution in the AI space. I have a track record of successfully delivering impactful AI projects.

Selected Projects

- **PrimeWallet - Banking Web App** | Django | MSSQL | HTML | CSS | JavaScript
Built a fully functional banking simulation platform featuring CRUD operations, user registration, admin verification, user authentication, secure transactions, and receipt downloads. Tested with 50+ users and optimized backend logic for improved speed and reliability.
- **AI Academic Assistant** | Python | Groq API | Chainlit
Created a chatbot that responds to academic questions with accurate and structured answers. Tested with 300+ queries, achieving over 89% relevance in pilot runs.
- **AI Insightful Summaries** | Python | OpenAI API | NLP
Developed a summarizer tool for PDFs, DOCX, and TXT files that reduces reading time by 70%. Used for quick understanding of lengthy documents across academic and professional contexts.
- **Google Forms Auto-Filler** | Python | Automation
Designed a tool to auto-fill Google Forms using data files, saving hours of manual input. Completed 200+ form entries in under 3 minutes during testing.
- **Multi-Agent Workflow for Tailoring Job Applications** | Python | CrewAI
Built a system where multiple AI agents work together to handle tasks related to tailoring job applications. Helped reduce completion time by up to 2x in test scenarios.
- **CLI File Manager** | C++ | OOP
Created a command-line tool to perform basic file and folder operations using OOP principles. Shared as a resource to help others practice and understand file handling basics.

Experience

- **Freelance AI Developer** | Jan 2024 – Present
Created custom chatbots, document summarizers, and automation tools for small-scale clients and personal projects.
Helped improve productivity and reduce repetitive tasks using AI-based tools.
- **Technical Support Assistant** | 2023 – 2024
Provided technical assistance for managing and maintaining lab systems, ensuring reliability and optimal performance.

Skills

AI & Automation: Conversational AI, NLP, Retrieval Augmented Generation (RAG), Multi-Agent Systems, Document Processing
Programming: Python, C++, JavaScript_
Frameworks and Tools: CrewAI, OpenAI APIs, Git, ElevenLabs, WhisperAPI
Web Development: Django, HTML, CSS, JavaScript, MSSQL, MySQL
Soft Skills: Collaboration, Ownership, Curiosity, Reliability, Communication

Education

B.Sc. Computer Sciences | Lahore Garrison University | Session 23-27

Certifications

- **Multi AI Agent Systems Certification** - CrewAI
- **Introduction to Generative AI** - Google Cloud, Coursera
- **Google IT Automation With Python** – Google, Coursera
- **SQL: Practical Introduction to Querying Databases** - Google, Coursera

Hobbies and Interests

Exploring AI tools, developing assistant applications, building education tech projects, and experimenting with agent-based automation and LLMs.