

Nouman Sajid

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EDUCATION

National Textile University

2024 - 2028

Bachelor of Science in Computer Science

- Specialization: Artificial Intelligence & Machine Learning
- Core Coursework: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Python Programming, Artificial Intelligence.

TECHNICAL SKILLS

Languages: Python (Professional), C++, C#, JavaScript, HTML, CSS, SQL

Frameworks & Tools: Next.js, React, Flask, Tailwind CSS, Scikit-learn, Tkinter, NumPy, Folium, Git, GitHub

Design: UI/UX Design, Figma, Creative Interface Design

PROFESSIONAL EXPERIENCE

Specialized in Python & AI Solutions

- Developing professional-grade Python applications and AI-driven tools for various clients.
- Implemented complex algorithms for data processing and automation scripts.
- Built responsive web interfaces and integrated machine learning models into live applications.

PROJECTS

LIMO AGENT | AI Assistant

2026

- Integrated Google Veo 3.1 Lite for professional-grade AI video generation.
- Developed an intelligent chatbot interface with advanced conversational capabilities using Python.
- Optimized backend polling mechanisms for asynchronous generation tasks.

Pak Job Portal

2025

- Built a modern recruitment platform using Next.js and React.
- Implemented responsive design and seamless user experience for Pakistani job seekers.
- Connected frontend with a secure database for real-time job listings and applications.

Diabetes Prediction Web

2026

- Developed a Machine Learning web app using Python, Flask, and Scikit-learn.
- Achieved high accuracy using Random Forest algorithm for risk assessment.
- Integrated bilingual support (English & Urdu) and AI-powered health advice via Claude API.

AI Maze Solver - Location Finder

2026

- Visualized BFS and DFS algorithms for maze solving using a custom Tkinter interface.
- Integrated OpenStreetMap for real-world city-to-city routing and location finding.
- Utilized NumPy and Folium for mathematical computations and map rendering.

CERTIFICATIONS

- Interaction Design and UX/UI Principles -- Xbox (Coursera) | 2025
- Introduction to Web Development with HTML, CSS, JS -- IBM (Coursera) | 2025
- Ethical Hacking with Kali Linux -- IBM (Coursera) | 2025
- Introduction to Ethical Hacking Principles -- IBM (Coursera) | 2025
- Algorithm Design to Working Prototype -- UET | 2025
- Critical Thinking in the AI Era -- HP LIFE | 2025