Hanzlah Hassan

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Career Objective

Motivated AI student passionate about data-driven automation and intelligent systems. Seeking opportunities to apply machine learning and AI automation skills to real-world solutions that enhance efficiency and impact.

Education

FAST-NUCES Islamabad, Pakistan | BS Artificial Intelligence | Aug 2023 – Jun 2027 | (Curr. CGPA ≈ 3.60/4.0)

Skills

Python (NumPy, Pandas, Flask, OpenCV) • C++ • SQL • AI Automation with n8n • LLM Integration & Prompt Engineering • Web Scraping & APIs • Workflow Design & Debugging • Teamwork & Leadership

Experience

Lab Demonstrator — FAST-NUCES Islamabad | Aug 2024 – Jan 2025

- Assisted students in IICT lab sessions and database practicals.

- Resolved technical issues and supported project development.

Projects / Research

- **AI WhatsApp Assistant (Business Automation):** Built end-to-end intelligent agent using n8n + WhatsApp Cloud API to automate customer queries for a pesticide shop.

- **YouTube Automation for Product Advertisements:** Developed an AI-based workflow that automatically creates and uploads product promotion videos using scripts and pre-trained media templates.
- **AI Voice Call Lead Generation System:** Designed an AI-driven voice agent for customer outreach and lead collection using speech synthesis and workflow automation via n8n.
- **AI Document Automation:** Automated PDF data extraction and Google Sheets integration processing 500 + documents daily (80% time saved).

- **Restaurant Feedback Analysis:** Scraped 2,500+ restaurant reviews using BeautifulSoup and Selenium; used LLMs to classify and visualize customer sentiment via Flask dashboard.
- **Auto Web Scraper for Yoga Class Schedules:** Automated data extraction from multiple yoga websites and integrated clean, structured data into Airtable via Python workflows.
- **MediScout Pakistan:** Hackathon project detecting disease risk using ML and NLP models with >90% triage accuracy.

- **Street Fighter II ML Bot:** Developed Python/TensorFlow bot capable of autonomous game play through state-based decision control.

- **NASCON Event Manager:** Full-stack Node.js platform for multi-role event workflow automation.

Achievements / Extracurricular

- Dean's List Holder (3×) – FAST-NUCES

- Participant – National AI Hackathon 2025

Certifications

- Python Programming (Udemy)

- Microsoft Office Specialist – Word 2019

References

Available upon request