NOAMAN AYUB

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PROFILE SUMMARY

AI developer skilled in Python, machine learning, and web development with hands-on experience in building and deploying real-world applications. Experienced in research, data analysis, and scientific writing, with projects in healthcare. Strong background in both technical development and design, combining problem-solving with user-focused solutions.

WORK EXPERIENCE

Multiomics, Innovating the Future   **Jun 2025 – Present**

1. IT Director
- Built automated websites and social media tools using Python, cutting manual posting time by 60% and boosting engagement.
- Automated WhatsApp communication with a custom Python tool, improving response efficiency by 40% and reducing manual workload.

2. *Researcher*
- Conducted statistical analysis on CDC Wonder datasets, producing data-driven insights with 95% confidence levels, and co-authored research/review papers in AI and healthcare.

AI Intern – CodeAlpha   **Sep 2024 – Oct 2024**

- Developed an object detection tool and AI chatbot, along with other small AI utilities, gaining hands-on experience in applying machine learning to real-world problems.

PROJECTS

- **Skin Cancer Detection Using CNN** – Trained a CNN on the HAM10000 dataset achieving 72% accuracy in classifying skin cancer types, and deployed it as a Flask-based web app with heatmaps, grayscale, and medical image conversion features.   **Aug 2025 – Oct 2025**
- **MIRA(Multimodel Intelligent Robotic Arm - AI Robotics)** – Designed and developed an AI-powered robotic arm integrating Django, YOLOv8, TinyLLaMA, and Vosk with Raspberry Pi, ESP32, and servo motor control. The system enables intelligent object detection, voice and chat-based interaction, and autonomous pick-and-place operations through real-time computer vision and offline AI decision-making.   **Oct 2025 – Present**

TECHNICAL SKILLS

- **Programming:** Python, C, Java
- **AI/ML:** Scikit-learn, Reinforcement Learning, LLMs
- **Web Development:** Django, Flask
- **Tools:** Git, GitHub, Jupyter Notebook
- **Research:** Scientific writing, meta-analysis, data analysis, proposals

DESIGNING SKILLS

- **Graphic Design:** Illustrator, Photoshop
- **UI/UX:** Wireframing, Prototyping (Figma)
- **Branding:** Logo Design, Visual Identity
- **Media:** Video Editing, Motion Graphics

EDUCATION

Bachelor in Software Engineering   **Sep 2023 – Sep 2027**

NFC–IET Multan   CGPA 3.91

- Achieved top placement at NFC Innovation Expo
- Work as a Graphic Designer in Computing Society

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