Umar Ahmad Siddiquee

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EXPERIENCE

- **Veroke** — Islamabad, Pakistan
  AI Engineer — *Oct 2024 - Present*
  - Developed and optimized video editing and processing workflows using MoviePy and OpenCV, enhancing video analysis and generation capabilities.
  - Implemented text-to-speech functionalities to create interactive, AI-driven user experiences, focusing on clear, natural-sounding outputs.
  - Worked on **Retrieval-Augmented Generation (RAG)** to improve response accuracy in language models, enhancing information relevancy and response quality.
  - Engineered **image generation** processes, leveraging deep learning models to produce high-quality, consistent visual outputs for various applications.
  - Contributed to efficiency improvements by optimizing processing times and refining model performance, resulting in more accurate and resource-efficient applications.

- **Veroke** — Islamabad, Pakistan
  RPA Engineer — *Jan 2024 - Sep 2024*
  - Designed and implemented robotic process automation (RPA) solutions to streamline repetitive tasks, reducing operational costs and improving accuracy.
  - Utilized automation tools to optimize workflows, enhance data processing, and increase efficiency across various business functions.
  - Collaborated with cross-functional teams to identify automation opportunities, resulting in an overall process improvement and time savings.
  - Conducted testing and troubleshooting to ensure high performance and reliability in automated workflows, with an emphasis on minimizing downtime and error rates.

PROJECTS

- **Web-Based Political Tracker** :
  - The Tracker is equipped with advanced NLP tools, such as sentiment analysis and topic modelling
  - Used logistics Regression for Sentiment analysis
  - Used Latent Dirichlet Allocation (LDA) for Topic Modeling
  - Used Flask Framework for Web-Development MongoDB is used as Database

EDUCATION

- **Bahria University Islamabad Campus** — Islamabad, Pakistan
  Bachelor of Science - Information Technology — *Aug 2019 - June 2023*
  Courses: *Digital Image processing, Artificial Intelligence, Data Mining, Data Warehousing*

SKILLS SUMMARY

- **Languages**:   Python, C++, SQL
- **Frameworks**:   Transformers, OpenCV, Scikit, NLTK, Pandas, Numpy
- **Tools**:   VSCode
- **Platforms**:   Linux, Windows
- **Soft Skills**:   Problem Solving, Adaptability, Critical Thinking, Teamwork, Communication, Time Management