Here's a clean, plain text CV optimized for ATS and tailored to the provided job posting:

Shahmeer Gull

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SUMMARY:

AI Enthusiast with expertise in fine-tuning large language models (LLMs), Retrieval-Augmented Generation (RAG), and LangChain to build scalable AI solutions. Proficient in Python scripting, AI (RAGs, Agents, Prompting), and full-stack development.

EXPERIENCE:

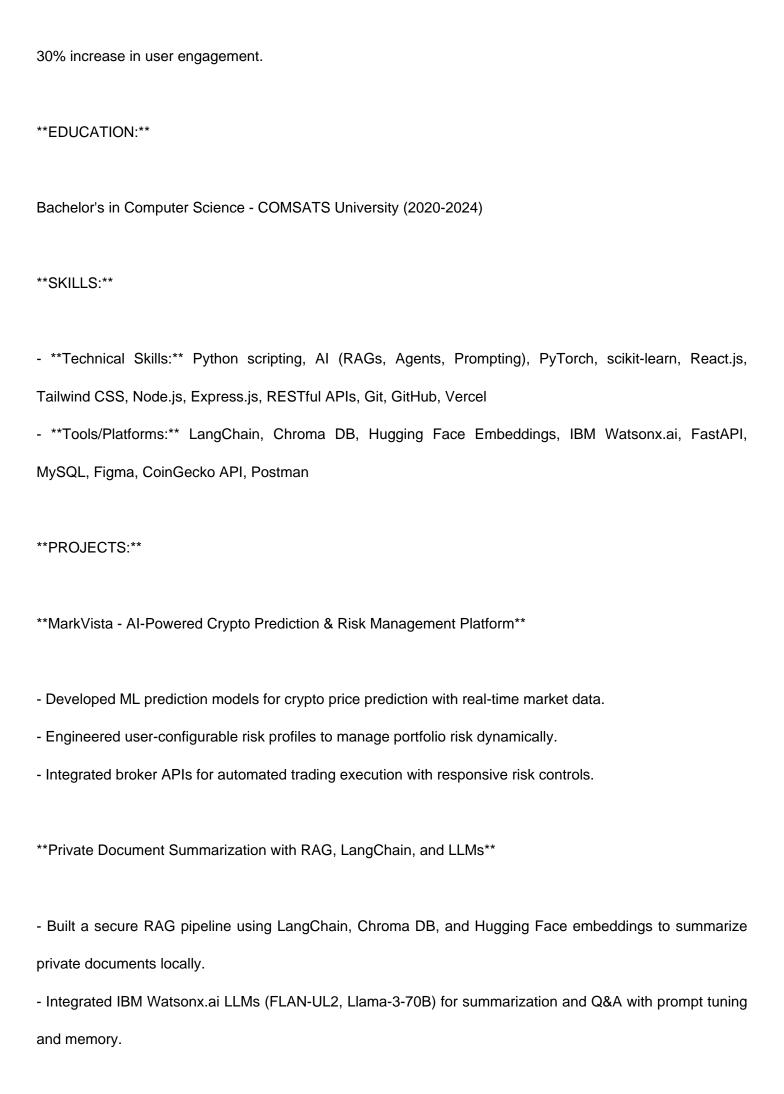**AI Engineer Intern - RASTA TECH (Remote)**

2022-2023

- **Challenge:** Improved ML/DL models to enhance chatbot responses and user experience.
- **Action:** Preprocessed conversational data, extracted relevant features (like intent, sentiment), and evaluated model performance using PyTorch and scikit-learn.
- **Result:** Built and fine-tuned models for tasks like intent classification and response generation, resulting in improved chatbot accuracy and user engagement.

MERN Stack Intern - ByteSight Pvt Ltd (Islamabad)

2022-2023

- **Challenge:** Developed and styled responsive front-end interfaces using React.js and Tailwind CSS.
- **Action:** Integrated APIs and enhanced user experience with dynamic, interactive components.
- **Result:** Collaborated with team to maintain code quality and implement UI improvements, resulting in a

30% increase in user engagement.

EDUCATION:

Bachelor's in Computer Science - COMSATS University (2020-2024)

SKILLS:

- **Technical Skills:** Python scripting, AI (RAGs, Agents, Prompting), PyTorch, scikit-learn, React.js, Tailwind CSS, Node.js, Express.js, RESTful APIs, Git, GitHub, Vercel
- **Tools/Platforms:** LangChain, Chroma DB, Hugging Face Embeddings, IBM Watsonx.ai, FastAPI, MySQL, Figma, CoinGecko API, Postman

PROJECTS:

MarkVista - AI-Powered Crypto Prediction & Risk Management Platform

- Developed ML prediction models for crypto price prediction with real-time market data.
- Engineered user-configurable risk profiles to manage portfolio risk dynamically.
- Integrated broker APIs for automated trading execution with responsive risk controls.

Private Document Summarization with RAG, LangChain, and LLMs

- Built a secure RAG pipeline using LangChain, Chroma DB, and Hugging Face embeddings to summarize private documents locally.
- Integrated IBM Watsonx.ai LLMs (FLAN-UL2, Llama-3-70B) for summarization and Q&A with prompt tuning and memory.

RAG-based Content Evaluation for Children's Media

- Implemented dot product and cosine similarity to measure the relevance between song embeddings and question embeddings.

- Applied t-SNE for visualizing high-dimensional embeddings in a 3D space to analyze clustering and patterns.

Air Quality Analysis & Modeling - Bogotá Pollution Data

- Cleaned multiyear pollution, weather & location data from public sources.

- Analyzed trends using correlation, time series, and geospatial visualizations.

- Developed a hybrid model combining KNN and neural networks for robust pollution estimation.

Cold Email Generator for Business Outreach

- Built an end-to-end tool to generate personalized B2B emails by analyzing job postings.

- Scraped career pages and extracted job info using LangChain + Groq API (Llama-3.1-8B).

- Parsed data into JSON, matched with portfolio links via Chroma DB for contextual retrieval.