

SAUMYA KUMARI

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SUMMARY

Dynamic professional with 3 years in Gen AI, implementing comprehensive frameworks, conducting maturity assessments, and providing strategic process recommendations. Proven in delivering innovative solutions and leading cross-functional teams.

EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK

Master of Science, Business Analytics

May 2025

- Relevant Courses: Data Visualization, Predictive Analytics, Healthcare Analytics, Statistics, Agentic AI, Generative AI

JAMIA MILIA ISLAMIA, DELHI

Master of Technology, Computational Mathematics, GPA 8.97/10.0

Jun. 2021

- Relevant Courses: Quantum Computing, Fuzzy Mathematics, Python, Numerical Analysis

PROFESSIONAL EXPERIENCE

Accenture Solutions ,Banglore, India

AI/ML Computational Science Engineer

Dec. 2020-Jul. 2024

- Developed QnA Chabot for Adaptive Card Services
- Involved in Requirement Gathering, Prompt Engineer
- **Developed scalable AI solutions** using LangChain and LlamaIndex frameworks, demonstrating expertise in generative AI technologies.
- **Managed and optimized vector databases** such as ChromaDB and Pinecone, enhancing AI applications' data retrieval capabilities.
- Building baseline models for requirements with necessary data preparation.

HCL Technologies,India

Noida, IN

SAP Basis/Hana Consultant

Nov. 2016-Nov. 2020

- Performed Migration of SAP application on-premise/cloud Azure.
- Implemented robust automation solutions, substantially reducing overall manual effort by 40% across various departments.
- Developed and executed comprehensive training programs, significantly boosting user adoption and efficiency rates.

ACADEMIC PROJECT EXPERIENCE

Text to SQL LLM App using Llama2

- **Overview:** Created an app to convert natural language queries into SQL commands using Llama2, improving database accessibility for non-technical users.
- **Technologies:** Llama2, Python, AWS Bedrock.
- **Outcome:** Reduced query formulation time by over 60%, enhancing productivity for users.

Advanced Q&A Chatbots with Redis Databases and Vector Embedding

- **Overview:** Engineered chatbots that provide accurate, context-aware answers by integrating DataStax databases with vector embedding techniques.
- **Technologies:** Redis Databases, vector embedding algorithms, Hugging Face Spaces.
- **Outcome:** Achieved a 40% reduction in the need for human intervention in customer service inquiries, improving response accuracy and user satisfaction.

ATS Resume LLM App

- **Overview:** Developed an application optimizing resumes for ATS using OpenAI APIs, enhancing match rates for job applications.
- **Technologies:** OpenAI APIs, Python, AWS, Google Gemini Pro.
- **Outcome:** Achieved a 50% improvement in ATS match rates, increasing users' chances of securing interviews.

SKILLS

Technical: Python, SQL, Power BI, Git, HTM, LangChain, Vector Database, AI/ML Techniques, NLP, Transformers

Project Management: Agile Methodologies, SCRUM, Strategic Planning, Risk Management, Team Leadership

CERTIFICATION: Agent AI Fundamentals by Hugging Face, Generative AI by SAP,Databricks, AZ900