SAJAL MONDAL

Passionate and innovative AI/ML Engineer with a strong foundation in Machine Learning, Generative AI, NLP and LLM Skilled in developing chatbots, Computer Vision, implementing NLP techniques, and building deep learning models. Excels in creating AI systems for diverse applications. Seeking challenging opportunities to apply expertise in driving data-driven decisions and business growth through advanced AI solutions.

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CONTACT

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https://github.com/iamsajalmondal 🔗

EDUCATION

BBA in Data Analytics from Bangalore Central University with 84.4%
2019-2022

PROFESSIONAL COURSES

Master in Data Science with AI and AWS from ITVEDANT EDUCATION
2022-2023

SKILLS

SQL, Python, Power BI, Pytorch, Machine Learning, Deep Learning, LLM, Generative AI, Time Series, Rapids Libraries, NLP

CERTIFICATES

- Python for Data Science certificate from IBM (2023)
- Certification for Advance Excel from Microsoft (2022)
- Virtual Visualization certificate from Accenture (2022)
- Data Visualization Certificate from TATA (2022)

INTEREST

Music, Photography, Games, Travel

LANGUAGES

Bengali (Native)
English,
Hindi

EMPLOYMENT HISTORY

AI& ML Engineer, Observance Solutions, Lucknow
Feb 2024 – Current

- Lead the development of NBA Match Forecasting systems utilizing the XGBoost algorithm and other advanced Machine Learning methodologies.
- Pioneered the implementation of Speech-to-Text Recognition systems employing Large Language Model (LLM) models.
- Innovated Face Recognition technology for attendance tracking, integrating LLM, OpenCV and Natural Language Processing (NLP) methodologies.
- Spearheaded Customer Segmentation strategies through the application of sophisticated clustering techniques.
- Create live healthcare chatbot with Amazon Lex, AWS Lambda and DynamoDB. Offers personalized response based on patient ID, name, enhancing hospital communication and engagement.

INTERSHIPS

AI & ML Engineer, OpenIntervue, Bangalore
Jan 2024 - Feb 2024

- Contributed to the development of an AI-powered HR platform where Artificial Intelligence conducts interviews autonomously.
- Utilized the llama 2 7b pretrained model for enhancing interview processes and candidate assessment.

PROJECT EXPERIENCE

Chatbot (PYTHON, NLP, HTML, CSS)

- Creating a chatbot for a retail shop can be a great way to provide customer support, answer common questions, and even suggest products.

Keywords Extraction (NLP)

- Developed a keyword extraction system using NLP techniques.
- Utilized Scikit-learn's ,CountVectorizer and TF-IDF for research paper keyword extraction.
- Planned integration with HTML and Flask for web-based functionality.