JATIN PRAJAPATI

New Delhi, India • jatinskytek@gmail.com • + 91-9425021595 • https://www.linkedin.com/in/jatin-skytek145/

EXPERIENCE

Software Developer (Machine Learning)   **08/2023-Present**

CIPL (Noida, India)

- Utilized deep learning skills to develop and implement algorithms for the classification of ciphers and their modes in a DRDO project.
- Applied machine learning techniques to enhance cryptanalysis, identifying vulnerabilities and contributing to the improvement of cryptographic systems.
- Employed multiple machine learning and data analysis techniques, including transformers, for classification tasks, demonstrating versatility in applying advanced methodologies.

Research Analyst   **12/2022-05/2023**

Techieshubdeep IT Solutions Pvt. Ltd. (Gwalior, India)

- Applied Python programming skills to perform supervised and unsupervised machine learning tasks, specializing in areas such as NLP, sentiment analysis, tabular data, and image data.
- Demonstrated adaptability by successfully handling diverse data types, showcasing expertise in extracting valuable insights from various sources.
- Delivered effective solutions to assigned challenges, highlighting a task-driven and problem-solving approach within the dynamic field of machine learning.

PROJECT

Django FaceNet   **05/2023**

- Created Django face recognition with FLANN and Inception-ResNet for accurate classification.
- Engineered real-time face recognition, blending web development, computer vision, and ML for precise live capture.

Sky stocks   **02/2024**

- Developed a website to provide real-time stock signals for optimal buying and selling opportunities.
- Implemented features to highlight the top 50 stocks to buy and sell, based on comprehensive analysis.
- Integrated graphical representations of stock analysis, marking buy and sell points for user-friendly insights.

Transformer NLP   **08/2024**

- Achieved 80% accuracy in sentiment classification using a custom BERT-based model for movie reviews.
- Delivered high-quality Hinglish to English translation, with a BLEU score of 77.8, ensuring precise language conversion.
- Implemented effective text summarization, maintaining meaning and context in condensed forms of text.

EDUCATION

Samrat Ashok Technological Institute   **Vidisha, India**

Bachelor of Technology, Computer Science Engineering   2019-2023

Govt. Jiwaji Rao H.S. School   **Gwalior, India**

Higher Secondary School, Mathematics   2017-2018

SKILLS

- Technical Skills - Predictive Modeling, NLP, Machine Learning Algorithms, Statistical Analysis, API Development, Machine Learning Framework (e.g., Pytorch, Keras)
- Tools and Software – Scikit-learn, Python, Numpy, TensorFlow, Jupyter Notebook.
- Framework – Django, Flask

CERTIFICATE

- Python Bootcamp, Udemy   03/2022