

Jatin Prajapati

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EDUCATION

Samrat Ashok Technological Institute, Madhya Pradesh

2019 - 2023

B.Tech. - Computer Science Engineering

SKILLS

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

WORK EXPERIENCE

CIPL (Noida, India)

Aug 2023 - Present

Software Developer (Machine Learning)

- 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.

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

Dec 2022 - May 2023

Research Analyst

- 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.

PROJECTS

Django Facenet

May 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

Feb. 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

Aug. 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.



CERTIFICATE

Udemy : Python Bootcamp