

[Mohd Saifuddin]

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Education

• Rajiv Gandhi Institute of Petroleum Technology, Jais, Uttar Pradesh	2022 - Present
• <i>Bachelor of Technology - Electronics Engineering</i>	CGPA: 7.27
• Montfort Inter College, Lucknow	2021
• <i>Intermediate (Class 12th)</i>	Percentage: 81%
• Career Convent College, Lucknow	2019
• <i>High School (Class 10th)</i>	Percentage: 81%

Skills

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- **Programming Languages:** C, C++, Python
 - **Software/Tools:** MATLAB, AutoCAD, Adobe Premiere Pro, TensorFlow, MS Excel
 - **Languages:** Fluent in English and Hindi

Projects

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- **Employee Attrition Analysis:** Predict which employees are likely to leave the company using decision trees, logistic regression, and survival analysis. Helped HR identify at-risk employees and develop strategies to retain them.
 - **Real Estate Price Prediction:** Predicted house prices based on features like location, size, and amenities using linear regression, random forests, and ensemble methods. Provided insights into real estate market trends and valuation.
 - **Sentiment Analysis on Social Media Data:** Built a model to classify the sentiment (positive, negative, neutral) of social media posts using NLP, Text Classification, RNN/LSTM, and Transformers.
 - **Image to Image Generation using GAN:** Developed a model capable of generating high-quality images in the target domain using Generative Adversarial Networks (GAN). Demonstrated advanced image-to-image translation capabilities.
 - **SAR to Optical Image Conversion (Ongoing Project):** Aiming to convert SAR images to optical images using a Supervised Cycle GAN. Enhances the quality of SAR image interpretation for improved analysis and decision-making in remote sensing applications.

Positions of Responsibility

• IEEE Student Branch, Rajiv Gandhi Institute of Petroleum Technology	2023 - Present
• <i>Technical Head</i>	
• IEEE Computer Society, Rajiv Gandhi Institute of Petroleum Technology	2022 - 2023
• <i>Co-Head</i>	

References

Available upon request.