

MAHEK TIKEDAR

Data Science & Machine Learning Engineer

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Objective

To obtain an entry-level position in Artificial Intelligence and Data Science, where I can utilize my technical skills, certifications, and academic background to contribute to innovative data-driven solutions.

Skills & Abilities

- Programming: Python
- Data Visualization: Tableau, Power BI
- Machine Learning & Deep Learning: scikit-learn, TensorFlow
- Web Application Frameworks: Stream lit, Flask
- Database Management: SQL
- Natural Language Processing: Hun spell

Education

JBLET, B.Tech in Artificial Intelligence & Machine Learning (Nov 2021 - Present)

CGPA: 8.6

Relevant Courses: Machine Learning, DSA, Deep Learning, DBMS, NLP, Data Science, DAA, OS

Narayana Junior College, Class XII (MPC) (2020 - 2021)

Percentage: 95.6%

SPR School of Excellence, Class X (2018 - 2019)

CGPA: 9.5/10

Experience

Ensemble Learning for Diabetic Classification (NITW) (Aug 2022 - Nov 2022)

- Applied ensemble techniques like Random Forest and Gradient Boosting for effective diabetic classification.

EEG Signal Processing with Transformer Models (NITW) (Sept 2023 - Nov 2023)

- Developed transformer-based models for brain activity classification.

Projects

Sentiment Analysis Dashboard

- Developed an interactive dashboard using Stream lit for sentiment analysis on textual data. Enabled users to upload datasets, analyze sentiments with Text Blob, and visualize results for better insights.

Image Classification Using MNIST Dataset

- Designed and implemented a neural network for handwritten digit classification using the MNIST dataset. Achieved high accuracy, showcasing skills in data preprocessing and machine learning.

Emotion Detection Using FER

- Built a deep learning model to classify human emotions from facial images using the FER dataset. Demonstrated expertise in image processing and emotion recognition.

INX Data Machine Learning Algorithms

- Applied machine learning algorithms to the INX dataset for predictive analytics. Included data cleaning, exploratory analysis, and model evaluation, emphasizing expertise in end-to-end workflows.

Certifications

- AIML Certified Engineer from PMKVY
- IABAC Certified Data Scientist
- IABAC Data Science Foundation Exam
- IBM Certified AI & Data Science Professional
- Infosys certified Introduction to Data Science
- Infosys certified ML&DL Algorithms

Achievements

- 1st Place: Smart Innovation Hackathon in College
- Research Paper: Published in International Journal of System Design & Information Processing (SDIP)