

# Mohammed Khasif

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## EDUCATION

**Vellore Institute of Technology**  
Integrated Mtech In Artificial Intelligence

**Bhopal, Madhya Pradesh**  
September 2021 onwards

CGPA : 8.22/10

## SKILLS

**Languages:** Python, Java, SQL, R, HTML, CSS.  
**Libraries:** Pandas, NumPy, Matplotlib, seaborn, Scikit-learn, TensorFlow .  
**Tools:** PowerBi, Tableau.  
**Coursework:** Database Management System, Object-Oriented Programming, Data Structures and Algorithms, Operating Systems.

## PROJECTS

### AI-Driven Solar Power Prediction System

Sept 2024 - Oct 2024

- Developed a solar power generation prediction model using multiple regression techniques, including Linear Regression, Random Forest, and Gradient Boosting, achieving up to 99.5% accuracy.
- Performed data preprocessing, exploratory data analysis (EDA), and feature engineering to improve model performance
- Enhanced energy management insights by predicting solar output based on environmental factors.
- Identified potential improvements using advanced ML techniques like Random Forest and Gradient Boosting.

### Intelligent Credit Card Fraud Detection System

December 2023 - January 2024

- Developed a high-accuracy fraud detection model using Logistic Regression, achieving 95.1% training accuracy and 94% testing accuracy.
- Utilized NumPy, pandas, and scikit-learn for data preprocessing, feature engineering, and model optimization to enhance fraud detection efficiency.
- Improved model performance through hyperparameter tuning and anomaly detection techniques, ensuring robust fraud identification.

## WORK EXPERIENCE

### EDUNET Foundation

Green Skills AI Intern

Sept 2024 – Oct 2024

- Gained proficiency in Machine learning(Regression, libraries, Data Analysis). 10+ hours to python coding and development.

### IBM SkillsBuild

Cyber Security Intern

March 2024 - April 2024

- Project: Securing Data Hiding in Images Using Steganography
- Developed an image steganography tool using Python, OpenCV, and NumPy to securely hide data within images. Implemented encryption and decryption mechanisms for secure communication. Learned steganography techniques and cryptographic methods for cybersecurity applications. Gained hands-on experience in problem-solving, debugging, and query resolution through mentor-led sessions.

## EXTRACURRICULARS

## Co -Curricular Activity Caption

*School*

- Served as the co-curricular caption and done many creative things for the betterment of the students.
- Gained and Applied extensive knowledge of Decision Making, Inference In Critical Thinking, Management, Team Management

## CERTIFICATIONS

Applied Machine Learning In Python | Coursera

Cloud Computing Certification | NPTEL

Data Analyst Certification | Udemy

Machine Learning Certification | Udemy

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## Additional Information

English, Hindi, Urdu, Telugu, Kannada