



# RUPESH SINGH

Bachelor's Degree in  
Artificial Intelligence and Data Science


Nationality: Indian  
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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., AIDS	IIITDM, Kurnool	7.6	August 2024
Senior Secondary	Divine Sainik School/CBSE	85%	March 2022
Secondary	Divine Sainik School/CBSE	91.2%	March 2020

## PROJECTS

- Diabetes Prediction Model: A Machine Learning model for detecting diabetes** August 2023  
*Tools: pandas, numpy, scikit-learn, seaborn, Flask* 
  - Developed a logistic regression model to detect diabetes based on medical parameters.
  - Deployed the model with Flask for real-time web predictions.
  - Used pandas and numpy for data preprocessing; visualized feature correlations with seaborn.

## SKILLS

- Programming Languages:** Python, C, C++
- Technologies:** Machine Learning, NLP, Object Detection, MLOps, Generative AI, LLM, AWS, Docker, Kubernetes, Flask
- Databases:** SQL, MySQL, PostgreSQL, MongoDB
- Visualization Tools:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, Power BI, Tableau
- Development Tools:** Anaconda, Jupyter, Google Colab, Visual Studio, PyCharm, Postman

## CERTIFICATIONS

- Data Science Masters 2.0**
- Artificial Intelligence**
- Certification from Skill India**

## ACHIEVEMENTS

- 1st Position in College Hackathon: Team Lead and Machine Learning Role**
- 1st Position in DataWorks: Student Activity Analysis**