A Ritesh Reddy

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Introduction!

I am A Ritesh Reddy, a passionate Computer Science and Engineering (CSE) student, currently pursuing my B.Tech with an expected graduation in 2027. I have a strong foundation in Machine Learning, AWS Cloud Computing, and Tensor-Flow, and I'm particularly interested in AI-driven analytics and intelligent automation. My goal is to become a software engineer and leverage my knowledge to build innovative and efficient solutions.

Education

B V Raju Institute of Technology, Computer Science and Engineering   2023 – 2027
- GPA: 8.81/10.0

Trividhya junior college, M P C   2021 – 2023
- Percentage: 94.9
- EAMCET: rank 8141
- JEE mains: 89.5 percentile

Geetanjali the Global School, 10'th standard   2023 – 2027
- GPA: 8/10.0

Projects

Smart Inventory Management System (SIMS)
- Developed an IoT-based system to track inventory in real-time and forecast sales using machine learning.
- Utilized blockchain for secure transaction and inventory data storage to ensure transparency and prevent fraud.
- Technologies: Python, IoT, Machine Learning, Blockchain

(inprogress)

Diabetes Prediction Model
- Built a machine learning model to predict whether a person has diabetes using Logistic Regression.
- Evaluated the model using key metrics such as Accuracy, Precision, Recall, and F1-Score.
- Technologies: Python, Scikit-Learn, Machine LearningXML

Healthcare Data Collection Platform   inprogress
- Developing a platform to enable individuals to collect their healthcare history data from across the nation, simplifying access to personal medical records.
- Aiming to improve the ease of healthcare management and empower users with their health data.
- Technologies: AWS, Google Cloud, Python, Cloud Computing

Certifications

Mastering Data with Machine Learning Internship - IBM SkillsBuild

Explore Machine Learning using Python - Infosys Springboard

Cloud Computing Training and Internship - GenZ Educators

Joy of computing with pyhton-NPTEL

Deep learning IIT Roopar - NPTEL

Deep learning for NLP - NPTEL

Technologies

Languages: C++(basic), Java(basic), python(expert), C (expert)

Technologies: Machine learning, Deep learning, Tensorflow, Cloud computing, NLP(basics), DSA

Tools: Jupyter notebook, anaconda, aws, vscode.