

# SAI LOHITAKSH REDDY D

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## EDUCATION

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Johns Hopkins University | Baltimore MD

**MSE in Data Science** | 05/2026

Thapar Institute of Engineering and Technology | Patiala India

**BE in Computer Science and Engineering** | 06/2024 | GPA-8.08/10

- Achieved an A grade in course of Machine Learning

## WORK EXPERIENCE

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**Data Scientist Intern** | Ripik.AI | Remote | January 2024 - June 2024

- Partnered with cross-functional teams to integrate data science scripts into backend systems, boosting operational efficiency by 40% and satisfying customer requirements as communicated
- Developed tailored data science scripts for **intrusion detection**, meeting specific client requirements and bolstering security by cutting down human error by 30%
- Authored automation scripts to convert unstructured text into structured data, optimizing data processing time 70%
- Processed over 1TB of data to build custom datasets, improving predictive model accuracy 30% and effectiveness 25%
- Leveraged Python, TensorFlow, Jupyter Notebook, Linux, Excel, Git, and AWS to develop and optimize data science solutions

## ACADEMIC ACHIEVEMENTS

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- Secured admission to **Amazon ML Summer School 2023**
- Demonstrated exceptional skills in **Data Science** and **Machine Learning** by achieving top 20 ranking in university- wide **Kaggle hackathon**

## RESEARCH & COURSE PROJECTS

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**Autostreamml** | Python, Pycaret, Streamlit | India | June 2023 - July 2023

- Streamlined data-driven decision-making for 100+ datasets using AutoStreamML, cutting model selection time by 90% and boosting prediction accuracy by 25% through PyCaret-based training
- Expedited **model selection** process by 90% with streamlined workflow, automating **evaluation** of multiple **machine learning** models, and enabling efficient deployment of best-performing model

**Stand-up Comedy Transcripts Analysis Using NLP** | Python, Jupyter Notebook, NLTK | India | February 2023 - March 2023

- Created NLP project analyzing transcripts of 10+ stand-up comedians, identified similarities and differences in comedic styles
- Demonstrated NLP techniques for text analysis and generation, attaining 25% success rate in producing meaningful sentences

**Accident Rate Visualisation** | R, Tableau, Excel | India | December 2022 - January 2023

- Designed **Data Science** project to provide interactive and comprehensive representation of over **50000 entries** of **accident data** in **United States**
- Utilized chart analysis to drive 75% reduction in accident types, enhancing decision-making and analysis

## COURSES AND SPECIALIZATIONS

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- Amazon ML Summer School** | Amazon Science | September 2023
- Advanced Computer Vision with TensorFlow** | DeepLearning.AI | May 2023
- Natural Language Processing** | DeepLearning.AI | April 2023
- R Programming** - John Hopkins University/Coursera | December 2022
- Exploratory Data Analysis** - John Hopkins University/Coursera | November 2022

## SKILLS

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**Technical:** Machine Learning, Data Science, R, Python, Artificial Intelligence, NLP, Tableau, C/C++, Dart, Flutter, SQL, Cloud Computing, OpenGL, Microsoft Office Suite (Word, PowerPoint and Excel)

**Extra-Curricular Activities:** Member of **Pratigya Abhiyan NGO**, responsible for creating educational videos and covering events