







# Rajendra Dayma

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## EDUCATION

**B.Tech - Computer Science and Engineering (specialisation in Data Science)** 2020 – 2024  
*Oriental Institute of Science and Technology (CGPA-8.11)* Bhopal, India

## PROFESSIONAL EXPERIENCE

**Data Science** 03/2023 – 04/2023

*Code Clause*

- Skilled in data collection, preprocessing, visualization (Python,R,Tableau), statistical analysis for insights.
- Researched machine learning extensively, and evaluated models, emphasizing feature engineering and model selection.

**AI Intern**

01/2023 – 03/2023

*IBM SkillsBuild*

- Developed AI-driven Drowsiness Assistant System using facial recognition & machine learning for real-time monitoring & alerts, Prioritized road safety by accurately detecting driver drowsiness & preventing accidents through adaptive features.
- Ensured compliance with regulatory standards & safeguarded user privacy, revolutionizing road safety measures.

**Intern**

02/2022 – 04/2022

*The Spark Foundation*

- Internship offers hands-on experience, real-world projects, skill development, and cross-functional collaboration.

## PROJECTS

**Drivers Drowsiness Detection**  2023 – 2023

*Machine Learning, Python, Deep Learning, Open CV*

- Safety tech to prevent accidents due to drowsy driving.
- Uses eye tracking, head position, facial recognition, and lane departure warning.
- Not perfect, may generate false alarms.

**Machine Learning Web App**

2023 – 2023

*Data Analysis, Python, Machine Learning*






- Spearheaded the development of a dynamic machine-learning web application using Python and Streamlit, offering an intuitive interface for seamless data loading, exploration, visualization, and model selection.
- Successfully deployed and integrated various classification algorithms, including Logistic Regression, SVM, Random Forest, among others, empowering users to finetune hyper-parameters on diverse datasets for optimal model performance.
- Showcased a profound command of machine learning, data processing, culminating in an innovative tool that facilitates efficient data analysis and empowers data-driven decision-making.

## SKILLS

### Languages/Technologies

MLops, MLFlow, Agile, Data Structures and Algorithms, API, C/C++, Python, SQL, Research, Linux, Git, Programming/Object Oriented Programming, Data Analytics, Machine Learning, Data Science, Image Processing Spreadsheet, Data Preprocessing, Data Mining, Data pipeline, Statistics, NLP, LLM, AWS, Data Engineering, Power-BI, Software Engineering, Problem solving.

## CERTIFICATES

- IBM Data Science Specialization 
- Database and SQL for Data science with Python 
- Getting Started with Data Analytics on AWS 
- Supervised Machine Learning 
- TCS iON career Edge - Young Professional
- AI, Empathy & Ethics 

## AWARDS

**Rank 6 in DataViz Hackathon**

21/09/2023

*Indian Institute of Management (IIM), Calcutta*