# ROHAN RAI

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## Education

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| **New Horizon College of Engineering** | **September 2020 - October 2024** |
| *B. Engineering in Artificial Intelligence and Machine Learning* | *Bengaluru, Karnataka* |
| **G D GOENKA PUBLIC SCHOOL** | **April 2019 - March 2020** |
| *Class XII* | *New Delhi, Delhi* |
| **G D GOENKA PUBLIC SCHOOL** | **April 2017 - March 2018** |
| *Class X* | *New Delhi, Delhi* |

## Experience

**MERN Full Stack Development** | *Digi-Safari*      **Dec 2024 - Present**
- Working on building and maintaining their newly designed MERN Full Stack website for platform training and up-scaling of customers. This project is based on NextJs Framework along with custom Bootstraps.

**Data Scientist (Internship)** | *AI LifeBOT*      **Apr 2024 - Jul 2024**
- Weather Forecasting to support the agricultural sector: Worked on collecting and cleaning the data to be used directly in a model. As an intern, I prepare data in different forms for training data in different models.

**AI Engineer Intern (Internship)** | *RadicalX*      **Nov 2023 - Feb 2024**
- Worked on small projects that helped me learn more about Machine Learning models.

## Projects

**Reddit Flair Prediction** | *Deep Learning, Sk-learn, NLP, Web Crawlers, Web development, Flask*
- This project is to showcase the back-end programming.
- Trained on GCP and achieved more than 95% accuracy.
- Data Scrapping was done using PRAW Reddit API.

**Weather Forecasting System** | *Machine Learning, Web Development, Computer Vision, ReactJs, Python, MongoDB*
- Using ML model called FBProphet created by Facebook which is a time series model as a combination of trend, seasonality, and noise components.
- MongoDB is used for handling the database of this project
- 92% accuracy for the next 7 days and 87% accuracy for the next 14 days

## Skills

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| **Languages** | Python, C, C++, JavaScript, SQL, JAVA |
| **Frameworks** | Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, Flask, MERN Stack |
| **Tech Skills** | Data Science, Machine Learning, NLP |
| **Tools** | Docker, GIT, MySQL, SQLite, Advance Excel, Power BI, Tableau |
| **Platforms** | Linux, Web, Windows |
| **Soft Skills** | Leadership, Event Management, Critical thinking, Time Management |

## Certifications

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| **Full Stack Development - Python** | **Nov 2022 - Jan 2023** |
| *Kaushalya Technical Training And Consultancy Services* | *By Prof. Raghu Prasad K S* |
| **MLOps** | **Feb 2023 - May 2023** |
| *Kaushalya Technical Training And Consultancy Services* | *By Prof. Raghu Prasad K S* |
| **DevOps** | **Oct 2023 - Dec 2023** |
| *Kaushalya Technical Training And Consultancy Services* | *By Prof. Raghu Prasad K S* |

## Courses

**Data Science/ AIML Course** | *Meritshot*      **Sep 2024 - Present**
*Advance Excel, Power BI, Tableau, Python, Data Science, Artificial Intelligence, Machine Learning*