# Mohammed Shoyeb

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## EDUCATION

**New York Institute of Technology** Manhattan, NY
Master's in Data Science (School of Engineering & Comp Sciences), anticipated December 2025
GPA: 4.0/4.0

**Malla Reddy College of Engineering and Technology** Hyderabad, India
Bachelor of Technology(Computer Science), May 2022
GPA : 8.38/10

## WORK EXPERIENCE

**Wipro Limited Hyderabad, India**
**Project Engineer [September 28, 2022 – December 26, 2023]**

- Developed and maintained web applications using Java, Spring Boot, and front-end technologies (HTML, CSS, JavaScript, Angular)
- Interacted with clients to gather requirements, provide technical solutions, and ensure project deliverables met business needs.
- Coordinated with cross-functional teams to define project scope, manage timelines, and ensure successful project delivery.
- Kept abreast of industry trends and new technologies, participated in training sessions, and applied best practices to improve development processes.

## PROJECTS

**Vehicle Maintenance Prediction** [April 2024 – May 2024]

- The project Focus on predicting vehicle maintenance needs. It is a crucial application of machine learning that aims to predict when a vehicle will need maintenance.
- This proactive approach can prevent unexpected breakdowns, extend the lifespan of vehicles, and save costs associated with emergency repairs and downtime.
- The project involves several steps, from data preprocessing to model training and evaluation.
- It demonstrates the ability of machine learning to accurately forecast the maintenance requirements of vehicles by preprocessing data, managing imbalances, and evaluating multiple models to create a reliable predictive system.

**Stock Market Data Tracker and Analyzer** [March 2024]

- Employed Python libraries such as pandas for data manipulation and matplotlib/seaborn for data visualization to conduct a comprehensive data gathering, cleaning, and analysis of Apple and Wipro equities.
- Conducted a comparative analysis of the stock performance of Apple and Wipro, utilizing percentage changes in stock prices, volume traded, and a variety of moving averages to offer actionable insights.
- Developed a variety of visualizations, such as scatter plots, bar charts, and line plots, to improve the lucidity of data insights and facilitate a more profound comprehension of stock performance trends and patterns.

**Detection of Unusual Activity on Social Media** [January 2022. – May 2022]

- The project proposes the Detection of Unusual activity on social media on Twitter using various machine learning algorithms like Random Forest, Naive Bayes, and extreme machine learning algorithm.
- Moreover, a taxonomy of the Twitter spam detection approaches is presented that classifies the techniques based on their ability to detect: (a) fake content, (ii) spam based on URL, (iii) spam in trending topics, and (iv) fake users.

- The presented techniques are also compared based on various features, such as user features, content features, graph features, structure features, and time features.
- We are hopeful that the presented study will be a useful resource for researchers to find the highlights of recent developments in Twitter spam detection on a single platform.

**Driver Drowsiness Detection System** [August 2021 – November 2021]

- The objective of this Python project is to build a drowsiness detecting device that will detect that a person's eyes are closed for a few seconds.
- In this project, we have used OpenCV for gathering the images from webcam and feed them into a Deep Learning model which will classify whether the person's eyes are 'Open' or 'Closed' and alert the person based on the score generated using Convolutional Neural Networks (CNN) model.
- The system will alert the driver when drowsiness is detected.

## CERTIFICATION

- AWS Certified Cloud Practitioner from Amazon
- Java Full Stack from Stack Route
- Big data Analytics from Griffith University
- Python 101 for Data Science from IBM
- Data Visualization with Python from IBM
- Machine Learning with Python from IBM
- Oxford Merit Certificate for Proficiency in English

## SKILLS

- C, C++ Programming
- Java Programming
- Python Programming
- HTML and CSS
- Database and Management System
- Microsoft Office[ Word, Excel]

## INTERESTS

Travelling, Listening to Music, and Watching sports