

# Himanshu

 [GitHub](#) |  [LinkedIn](#) |  [PortFolio](#)  
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## SUMMARY

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Skilled in C++, DSA, Python, and Power BI, with expertise in Machine Learning, Deep Learning NLP. Strong focus on Data Analysis, backed by a solid foundation in Statistics.

## PROJECTS

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### Sign-O-Text

[GitHub](#)

Developed a sign language to text converter leveraging Deep Learning techniques including MediaPipe and LSTM networks. The project captures video input of sign language gestures, processes them using OpenCV and MediaPipe, and translates them into text using LSTM neural networks.

### Chat-Analyser

[GitHub](#)

Enhanced Chat-Analyser with advanced features including message Counter and URL extractor using Regular Expressions. This tool provides comprehensive analysis of chat conversations, extracting valuable insights such as message frequency, URL sharing patterns, and sentiment analysis.

### Automatic Number Plate Detection

[GitHub](#)

Utilized a YOLOv8 model for real-time license plate detection. Processed XML annotation files, trained the model over 100 epochs, and deployed it using Streamlit. Achieved significant metrics including mAP@0.5-0.7 and mAP@0.5-0.95.

## EDUCATION

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2021 - 2025	B.Tech at <b>JC Bose Ust YMCA Faridabad</b>	Up to 5th Sem (CGPA: 7.63)
2020-2021	Class 12th CBSE Board	(SPS Rewari)
2018-2019	Class 10th CBSE Board	(SPS Rewari)

## SKILLS

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C++   Python   Data Structures & Algorithms   Machine Learning   Deep Learning  
NLP   Computer Vision   Statistics   Data Analysis   Power BI   Operating Systems  
Computer Networking   GitHub

## ACHIEVEMENTS

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- Top 8 percent on Leetcode with a Rating of 1780+.
- Secured rank 923 in Weekly Contest 368 on Leetcode.