

VIBHAW KUMAR VERMA

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PROFESSIONAL SUMMARY

Computer Science Engineering (CSE-AI) student with experience in Machine Learning and Data Science. Developed AI solutions including a 95% accurate traffic light recognition system. Strong analytical skills and programming knowledge focused on developing innovative AI applications.

EDUCATION

B. Tech in Computer Science Engineering (AI) | SGPA: 7.86/10

Noida Institute of Engineering and Technology | 2022 - 2026 (Expected)

Senior Secondary & Secondary Education

Burnpur Riverside School | 12th: 81% (2022) | 10th: 83.1% (2020)

TECHNICAL SKILLS

- **Programming:** Python, C++, HTML
- **AI/ML:** TensorFlow, Scikit-learn, Pandas, NumPy, OpenCV
- **Data Visualization:** Matplotlib, Tableau
- **Core Competencies:** Data Structures & Algorithms, Machine Learning, Data Analysis

PROJECTS

Traffic Light Recognition System

- Developed system using RESNET50 architecture achieving 95% detection accuracy
- Implemented image preprocessing techniques enhancing model performance
- Tech stack: Python, TensorFlow, OpenCV, Neural Networks

Electric Vehicle Analytics Dashboard

- Created interactive Tableau dashboard visualizing EV market trends and adoption metrics
- Designed intuitive visualization components for non-technical stakeholders

Twitter Sentiment Analysis

- Built NLP-based analyser to classify public opinion on trending topics
- Implemented text preprocessing and feature extraction for improved accuracy
- Tech stack: Python, NLTK, Scikit-learn, Pandas

LANGUAGES & INTERESTS

- **Languages:** English (Proficient), Hindi (Fluent), German (Basic)
- **Interests:** Coding competitions, Cricket, Football, Fitness, Travel