

VIKAS YADAV

B.Tech – Computer Science Engineering (Undergraduate)

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ACADEMIC QUALIFICATIONS

Year	Degree	Institute	Grade
2022 – 2026	Bachelor of Technology (B.Tech), CSE	DCRUST, Murthal	CGPA: 6.5
2020-2021	Senior Secondary (XII)	SURAJ School ,Rewari (CBSE)	86%
2018-2019	Secondary (X)	VIVEKANAND School , Rewari (CBSE)	88%

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript

Web Technologies: HTML, CSS

Database: SQL

Concepts: Data Structures, OOPs, Problem Solving

Tools: Git, VS Code

PROJECTS

Github Link : <https://github.com/thenewsunrise>

Network Intrusion Detection System (NIDS)

- Developed a Network Intrusion Detection System to identify malicious activities and unauthorized access in a computer network.
- Analyzed network traffic data to detect common attacks such as DoS, Probe, R2L, and U2R.

- Used machine learning techniques to classify normal and anomalous network behavior.
- Tools & Technologies: IBM Cloud, Machine Learning algorithms, Network Security concepts.

Vehicle Overspeed Detection System (Machine Learning)

- Built a machine learning–based vehicle overspeed detection system to identify vehicles exceeding predefined speed limits.
- Processed video data to extract frames and calculate vehicle speed using distance–time analysis.
- Applied computer vision and ML techniques to detect, track, and analyze vehicle motion.
- Implemented and tested the complete model on Google Colab for efficient computation and experimentation.
- Tools & Technologies: Python, OpenCV, Machine Learning, Google Colab.

RELEVANT COURSE WORK

- Data Structures and Algorithms
- Database Management Systems
- Operating Systems
- Computer Networks
- Software Engineering

CERTIFICATIONS

NCC A , B , C