

RITIK KATIYAR

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Home: Kanpur, Uttar Pradesh

EDUCATION

B.Tech in Computer Science and Engineering

Dr. APJ Abdul Kalam Technical University, Lucknow

Expected 2025

Current SGPA: 7.3/10

RELEVANT COURSEWORK

Courses: Object-Oriented Programming, Data Structures, SQL(Basic), ML, C++, Python, Team Management.

SKILLS

Programming Languages: C++, Python, C, JavaScript, HTML/CSS

Machine Learning: Regression, Classification, Clustering

Tools: Git, Github, VScode, Leetcode, Oracle

Languages: English, Hindi

WORK EXPERIENCE

Web Development Internship – Yhills

PROJECTS

Traffic Analyzer :

- Developed a robust traffic analyzer system using Python, OpenCV, TensorFlow, and OCR technologies.
- Implemented image processing algorithms to detect and classify various traffic signs and signals in real-time.
- Utilized deep learning techniques for accurate Optical Character Recognition (OCR) to interpret text on road signs, enhancing traffic analysis and safety measures.

Detect and Recognize Car License Plate :

- Developed a robust license plate detection system using Python, OpenCV, and TensorFlow, achieving high accuracy in identifying license plates from complex scenes.
- Implemented image processing techniques and deep learning algorithms to accurately recognize characters from license plates, enhancing the overall efficiency of the optical character recognition (OCR) process.
- Contributed to a comprehensive end-to-end solution for vehicle identification by integrating advanced techniques in computer vision, machine learning, and OCR, demonstrating strong problem-solving and programming skills.

Web Development Project : ([Todo List](#) , [Movie Website](#) , [Landing Pages](#), Hotstar Clone)

CERTIFICATION

- **Web Development** – Yhills
- **Python** – Udemy
- **HTML, CSS, Twitter Bootstrap** – Infosys
- **Google Analytics Certification** – Google
- **Cloud Computing (AWS)** - Amazon

ACHIEVEMENTS

- **5* in Problem-Solving** – HackerRank
- **5* in Python** – HackerRank
- **Codefest'24 Participation Certificate** – IIT BHU
- **All Cloud Computing Related Badges** – Amazon
- **Web Development Project Completion Certificate** – Yhills (IIT INDORE)