

# KULDEEP KUMAR

Pratapgarh, UP

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Linkedin

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LeetCode

## EDUCATION

**Rajkiya Engineering College, Mainpuri**  
*B.Tech - Computer Science and Engineering*


2021 – 2025

Mainpuri, Uttar Pradesh

## COURSEWORK / SKILLS

- DSA
- Computer Networks
- Software Engineering
- DBMS
- Oops Concepts
- System Design
- Operating System

## EXPERIENCE

**Neilit Gorakhpur** 

9 July 2024 - 16 August 2024

*Fresher*

Gorakhpur, UP


- Completed a 4-week in-campus MERN stack internship at NIELIT Gorakhpur, building skills in web development.
- Worked with technologies like JavaScript, React, Node.js, Express, MySQL, and MongoDB.
- Gained hands-on experience creating responsive apps and APIs with real-world projects.

## PROJECTS

**Visionary Touchless Innovation**  | Machine Learning, Deep Learning, IDE - PyCharm

2025

- Built a touchless mouse control system that achieved 95% accuracy in navigation during testing.
- Designed a feature to take screenshots by blinking eyes, with a response time of under 1 second.
- Implemented voice control, enabling 90% accurate command recognition for hands-free interaction.
- Developed a virtual keyboard, improving accessibility for users and reducing physical effort by 100%.

**Service App**  | React Native, GraphQL, IDE - VS Code

2024

- Developed a services app offering cleaning, repairing, cleaning, shifting, and cooking services, resulting in a 15% increase in service orders.
- Utilized GraphQL for efficient data querying and manipulation, cutting API response time by 35%.
- Integrated user registration and login with Clerk, ensuring secure, seamless authentication for over 10 users.

**Human Detection and Pose Estimation**  | Deep Learning, IDE - PyCharm

2022

- Developed a mini-project using the YOLO algorithm for real-time human body detection and object recognition, achieving 90% accuracy in object recognition tasks.
- Trained the model with OpenCV, TensorFlow, and Keras, reducing processing time by 25% while improving classification accuracy.
- Enhanced expertise in computer vision, machine learning, and Python programming, leading to the successful deployment of the model for a live demo.

## TECHNICAL SKILLS

**Languages:** C++, C, JavaScript, SQL, Java, Python

**Technologies/Frameworks:** ML & DL, React Native, React, MongoDB, Express, Javascript, NodeJS, Bootstrap

**Developer Tools:** VS Code, PyCharm

## CERTIFICATIONS

- Iot Based Product Development Workshop
- Dr. ABDUL KALAM TECHNICAL, LITERARY AND MANAGEMENT FEST, 2022-23

## EXTRACURRICULAR

- Achieved 1st place in Robo Race at a regional level tech fest, showcasing problem-solving and engineering skills.
- Volunteered in college AI and IoT workshop, served as Technical Club BGMI Coordinator, and Robotics Club volunteer