

# Deependra Singh Chauhan

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## EDUCATION

- **B. TECH, COMPUTER SCIENCE ENGINEERING** 2021-2025  
Shri Ramswaroop Memorial College of Engineering and Management CGPA: 6.5
- **INTERMEDIATE XII** 2020-2021  
Kendriya Vidyalaya Aliganj, Lucknow 85%

## SKILLS

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

**Technologies/Frameworks:** HTML5, CSS3, JavaScript, Tailwind, Bootstrap, MongoDB

**Developer Tools:** VS Code, PyCharm, IntelliJ, Canva

## PROJECTS

### DRISTI TRACK

- Engineered an advanced eye-tracking system designed to control mouse movements by leveraging OpenCV and pyautogui libraries in Python, showcasing a high level of innovation and proficiency.
- Engineered an innovative eye-tracking system by utilizing OpenCV and pyautogui in Python, achieving an impressive 95% accuracy in real-time eye detection.
- Integrated pyautogui to facilitate precise mouse event simulation based on gaze data, resulting in a notable 92% accuracy.

### PORTFOLIO WEBSITE

- Designed and developed a professional portfolio website showcasing skills, projects, achievements using HTML, CSS, and JavaScript.
- Implemented a responsive design, increasing user engagement by 20%.
- Boosted user retention by 40% and minimized bounce rates by implementing responsive design principles and advanced front-end development techniques, mastering HTML, CSS, and JavaScript to deliver a seamless user experience

## EXPERIENCE

### AI Intern

(IBM-SkillsBuild).

August 2024

- Developed and deployed machine learning models, including a customer segmentation model using logistic regression, achieving 75% accuracy.
- Utilized predictive analysis models to enhance decision-making processes and improve overall system performance.

### Machine Learning Intern

(IBM Developer Skills Network)

August – September 2023

- Gained practical skills in machine learning and Python. Developed and tested models using regression, classification, and clustering for accurate insights.
- Achieved high accuracy in model predictions and derived actionable insights from data.

## CERTIFICATIONS

- Machine Learning with Python Certification from IBM Developer Skills Network.
- Data Science 101 Certification from IBM Developer Skills Network.
- AI For India Certifications by Guvi through Skill India Digital.
- Introduction to cloud Certification from IBM Developer Skills Network

## ACHIEVEMENTS

- Collaborated as a Frontend Designer in a multidisciplinary team during a 48-hour virtual hackathon organized by SheBuilds to develop innovative solutions

## OTHERS

- **Languages:** Hindi (Native), English (Intermediate)
- **Hobbies:** Cricket, Playing Games, Photography.