

# Mayank Kumar

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Haridwar, India

## EDUCATION

- **Uttarakhand Technical University** Uttarakhand, India  
*Bachelor of Technology in Computer Science; CGPA: 7.2* *Sept 2020- June 2024*  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

## SKILLS SUMMARY

- **Languages:** Python, JavaScript, SQL, Html, CSS
- **Frameworks:** NodeJS, ReactJS, ExpressJS Bootstrap
- **Databases:** MongoDB
- **Tools:** Git, Rest APIs
- **Soft Skills:** Negotiation, Work ethics, Systems Thinking, Cross-Cultural Competence, Strong Communication, Adaptability.

## EXPERIENCE

- **NIELIT, Haridwar, (Government of India)** On-site  
*Full Stack Development Intern(Full-time)* *Aug 2024 - Feb 2025*
  - **About NIELIT:** An autonomous scientific society under the Ministry of Electronics and Information Technology (MeitY), Government of India.
  - **Achievement/Task:** During my time at NIELIT Haridwar, worked on various projects, including developing a Web-Based Learning Management System (LMS). This project aimed to streamline online education and training, enabling students to access materials, submit assignments, and track progress more effectively.
- **Oasis Infobyte** Remote  
*Front End Developer, JAVA Developer* *July 2023 - Aug 2023*
  - **Achievement/Task:** Experience as a Java Developer, including developing robust applications like ATM interface and online reservation system, creating user-friendly temperature converter web application, and optimizing a responsive company website landing page.

## PROJECTS

- **LMS Platform Based on NIELIT Website :** Created a Learning Management System using MERN stack technology, incorporating user authentication, role-based access control, and course management, with a responsive frontend, RESTful API, and MongoDB for efficient data storage. Currently in progress, focusing on implementing advanced features such as real-time notifications and analytics dashboards.
- **Real Time Sign Language Detection using LSTM Model:** A real-time sign language detection system was developed using an LSTM model for efficient gesture recognition, trained using deep learning techniques, and integrated into a user-friendly application for hearing impaired communication with 80% accuracy.
- **College mentorship portal:** Secure login and registration for mentors and mentees, allowing academic background, interests, and career goals management, and ensuring portal accessibility on various devices with 100% accuracy.

## TRAINING AND CERTIFICATION

- **Brillica services pvt. ltd.:** Covered core Python concepts and advanced topics like decorators, generators, and file handling. Learned to use popular Python libraries like NumPy, Pandas, and Matplotlib for data manipulation and visualization. Worked on automating repetitive tasks using Python scripts.

## ACHIEVEMENTS

- **Smart India Hackathon** New Tehri, India  
*Participated in Smart India Hackathon.* *Nov 2023*

## VOLUNTEER EXPERIENCE

- **Event Manager at THDC, Institute of Hydropower and Technology** New Tehri, India  
*Coordinated match schedules, venues for seamless experience for participants.* *Jan 2023*
- **Mega Job Fair Event Organiser at NIELIT, Haridwar,(Government of India)** Dehradun, India  
*Managing logistics, Facilitating communication between employers, job seekers, vendors.* *Aug 2024*
- **AI/ML Internship Program Organised by NIELIT Haridwar in KVs,(Govt of India)** Raiwala, India  
*As Mentor delivered sessions on AI/ML and Python, Provided hands-on guidance.* *Nov 2024*