

# Shivam Mishra

☼ Credly   ✉ shivammishra86321@gmail.com   ☎ +91 83 55 00 01 84   👤 Hackerrank   in LinkedIn  
🐙 Github

## Education

**Maharana Pratap Engineering College, Kanpur** 2020 – 2024  
*B.Tech - Computer Science and Engineering - CGPA - 7.9* Kanpur, Uttar Pradesh

## COURSEWORK / SKILLS

- Data Structure and Algorithms (DSA)
- Database Management System (DBMS)
- Operating Systems
- Software Engineering
- OOPS Concepts
- Java
- Cloud Computing
- Git & Github

## Experience

**Edunet Foundation** Nov 2024 – Dec 2024  
*AICTE Internship on AI: Transformative Learning with TechSaksham* Remote Internship

- Designed and implemented a chatbot using Natural Language Processing (NLP) techniques, leveraging Python, NLTK, Scikit-learn, and Streamlit for an interactive web interface.
- Focused on intent recognition, response generation, and conversation history tracking, enhancing chatbot capabilities.
- Collaborated with mentors to gain hands-on experience in AI-driven solutions, advancing expertise in conversational systems and NLP.

## Projects

**Sorting Algorithm Visualizer** [github.com/name/repo](#) ↗

- Developed a Python-based application using Tkinter to visualize various sorting algorithms.
- Enhanced understanding of problem-solving techniques and algorithmic concepts through interactive visualizations.
- Users can observe sorting processes like Bubble Sort, Quick Sort, and Merge Sort in real-time.

**Vehicle Detection System** [github.com/name/repo](#) ↗

- Developed an application for real-time vehicle detection to support traffic management, surveillance, and autonomous vehicle functions.
- Enables identification and tracking of vehicles in live footage, improving system accuracy for various use cases.
- Utilizes deep learning and computer vision techniques for efficient detection and analysis.

## TECHNICAL SKILLS

**Languages:** Java, Python and JavaScript, C#, SQL.

**Technologies/Frameworks:** .NET, HTML5, CSS3, Django, MongoDB, Express, React, NodeJS, Bootstrap.

**Databases:** MySQL, MongoDB, Microsoft SQL Server.

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

## CERTIFICATIONS / EXTRACURRICULAR

- ⇒ Accomplished the **Career Essentials in Generative AI** certification program by **Microsoft and LinkedIn**.
- ⇒ Earned Certification in **Internet of Things (IoT)** from **IIT Kharagpur**.
- ⇒ Attained Certification in **Enhancing Soft Skills and Personality Development** from **IIT Kanpur**.
- ⇒ Achieved **Google Data Analytics** Certification on **Coursera**.