

# Simran Kumari

Jaipur | simrankumarisk03@gmail.com | +919905832263 | LinkedIn | Github | Portfolio

## Objective

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Motivated and detail-oriented Computer Science graduate with hands-on experience in Python and a keen interest in artificial intelligence and machine learning. Looking to join a forward-thinking company where I can contribute to AI-driven solutions and further develop my skills in a real-world setting.

## Skills

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- **Technical Skills:** Java, Python, JavaScript, MySQL, GenAI, Machine Learning, C, HTML, CSS
- **Tools & Technologies:** Git, Github, VS Code, Jupyter Notebook, Google colab

## Education

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**University of Engineering and Management** Aug 2022 – May 2026  
Bachelor of Technology in Computer Science and Engineering (AIML)  
CGPA: 8.58

## Projects

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**Algorithm Generator Using LLaMA Model** Aug 2024 – Present  
HTML, CSS, JavaScript, Node.js, Express.js, Python, pyngrok, Unsloth, LLaMA Model, Ollama

- Built an Algorithm Generator with a fine-tuned LLaMA model, enabling users to input natural language problems and receive automatically generated algorithms and source code.

**Vehicle Detection and Counting System** Jan 2023 – Apr 2023  
OpenCV, NumPy, Computer Vision

- Developed a Vehicle Detection and Counting System using computer vision techniques, enabling automated detection, tracking, and counting of vehicles from recorded video feeds for traffic analysis.

## Certification

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**Software Engineering and Agile software development** April 2024  
Infosys | Springboard

**Data Base Management System** Jul 2024 – Sep 2024  
SWAYAM | NPTEL | Elite + Silver

**Python for Data Science** Jan 2024 – Feb 2024  
SWAYAM | NPTEL | Elite + Silver

## Co-Curricular Activities

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**AceHack 3.0 and 4.0**, Organizer  
24 hour in-person student-run hackathon, renowned as one of Jaipur's largest hackathons.

### AceHack

Participated in Acehack hackathon, developing a Machine Learning model for multiple disease detection from medical data.

### QuizBuckers – TECHUTOPIA 2024, Codesta Coding Club

Secured 3rd place in QuizBuckers organized by Codesta Coding Club during TECHUTOPIA 2024, the annual technical fest.