

# Heemangii Singh Gaur

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## TECHNICAL SKILLS

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**Programming Languages:** Java, C/C++, HTML, CSS

**Relevant Coursework:** OOP Concepts, DBMS, OS, DSA

## EDUCATION

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**LNCT Group of Colleges - [LNCTE]**

*Bachelor of Technology in Computer Science (CGPA: 7.97/10)*

**Bhopal, MP**

*Nov 2022 – July 2026*

**Sagar Public School, Saket Nagar - [CBSE]**

*Higher Secondary Education Class 12 (80.2%)*

**Bhopal, MP**

*April 2021 – April 2022*

**Sagar Public School, Saket Nagar - [CBSE]**

*Higher Secondary Education Class 10 (94.4%)*

**Bhopal, MP**

*April 2019 – April 2020*

## PROJECTS

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**Data Visualisation Tool** — *Java, Python*

- Created a cross-language desktop application to visualize tabular data through bar charts, pie charts, and line graphs.
- Used Jython to integrate Python's powerful plotting capabilities into a Java-based GUI for dynamic graph generation.
- Aimed at making data interpretation easier for non-tech users.

**Plagiarism and AI Text Detector** — *Java*

- Built a desktop-based application to detect plagiarism and AI-generated text using Java and Swing GUI.
- Implemented heuristics to flag AI-generated content and calculated plagiarism percentage by comparing input and reference text using word overlap.
- Designed an interactive dialog-based interface for input, analysis, and displaying reports with actionable recommendations.

**Event Management System** — *Java, HTML/CSS, MySQL*

- Developed a web-based system for managing college or corporate events, including registration, event scheduling, and participant tracking.
- Integrated back-end using Java and MySQL to handle data storage, event creation, and user authentication.
- Designed a simple, responsive interface with HTML/CSS and JavaScript for a smooth user experience.

## CERTIFICATES

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**Programming with Java:** Infosys (2024)

**Database Management System Part-1:** Infosys (2024)

**Database Management System Part-2:** Infosys (2024)

**Google Cloud Computing and Gen AI:** Google (2023)

## EXTRA-CURRICULAR ACTIVITIES

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**GDSC LNCT Coordinator:** Selected as one of the coordinators for the Google Developer Student Clubs team; assisted in organizing tech events and workshops to foster student engagement in developer technologies.

**Event Anchor:** Anchored multiple college events, including Gyanarambh 2024 and Blockchain Blitz, ensuring smooth flow and audience engagement.

**Event Volunteer & Coordinator:** Volunteered and helped coordinate various college tech and non-tech events, contributing to the successful execution of the event.

**Hackathon Participant:** Participated in the Smart India Hackathon (SIH) 2023, collaborating on innovative problem solving.