

# Gaurav Kumar

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## Skills

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**Languages:** C/C++, Java, Python, JavaScript, SQL

**Technologies & Tools:** Databases: MySQL, MongoDB || Development frameworks(Basic): React, Angular, Django || Cloud platforms(Basic): AWS || Web development(Intermediate): HTML, CSS, Bootstrap, etc || Operating Systems: Windows, Linux(Basics) || Mobile app development: Android(Basic)

## Education

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**Shri Mata Vaishno Devi University J&K**

**Aug 2022 - Jun 2024**

**B.E. in Computer Science and Engineering**

**CGPA:7.66/10**

Relevant Coursework: Object Oriented Programming, Databases, Discrete-Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Data Structures and Algorithms.

## Project Work

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- **School Management System(2024):** The School Management System is a Java application that stores records of schools be it related to students, teachers, and staff.
- **Currency Converter(2024):** This project is a very basic project in **Java** that is used to convert a currency from one to another. A web-based interface for converting currency and getting the output value, for example, here displays converting the currency of the US dollar to INR.
- **Alternative-Routes in Road Networks (2023):** Applied Dijkstra's shortest path algorithm to find the route which takes the shortest time to travel from source to destination in a given road network with randomly generated traffic. Implemented methods to avoid collisions between vehicles by dynamically changing their speeds. Used C++ and OpenGL library for simulation. C++, OpenGL. (Incomplete)
- **Notepad (2022):** I made a notepad in 2nd semester using python and Tkinter module.
- **Weather update(2022):** using Openweathermap API in Python and its GUI.

## Skills

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- Languages :- English,Hindi
- Familiar with Adobe PhotoShop,Adobe Premiere Pro
- Basic Knowledge of PowerPoint,Excel

## Awards and Certificates

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- Hackerrank problem solving
- Sololearn certification in C,C++,Python.
- Disaster management conclave
- Volunteering award for different college events