

GURPREET SINGH

Kashipur, Uttarakhand

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EDUCATION

Roorkee Institute of Technology, Roorkee

2023 – 2027

B.Tech - Computer Science and Engineering - CGPA: 7.39

Roorkee, Uttarakhand

EXPERIENCE

Python Intern at CODSOFT

August 2024 - September 2024

Role - Python Developer

- Completed a 4-week virtual internship program, enhancing Python programming skills.
- Developed practical applications including a Password Generator, Rock Paper Scissors game, and an arithmetic calculator.
- Attended training sessions on **Python**.

PROJECTS

Java Quiz Application | Java Swing, JDBC, MySQL

April 2025

- Java-based quiz application designed with a user-friendly graphical interface using Java Swing.
- Used JDBC to connect with a MySQL database for storing and retrieving quiz questions.

Spotify Clone | HTML, CSS, JavaScript

Feb 2025

- Developed a front-end Spotify Clone using HTML for structure, CSS for styling, and JavaScript for interactive features.
- Showcased proficiency in creating responsive and engaging web interfaces.

Text Utility Application | Vite + React, VS Code

March 2025

- A React-based text utility app that performs operations such as case conversion, word/character count, and whitespace removal.

Text Encryption Project | Python, AES encryption, Steganography

May 2025

- Securely embeds text messages within images using steganography and AES encryption.
- Ensures confidentiality and integrity of hidden messages.

TECHNICAL SKILLS

Languages: C, Python, C++, Java, MySQL

Technologies/Frameworks: HTML5, CSS3, JavaScript, React, Tailwind CSS, Bootstrap, MongoDB

Developer Tools: VS Code, PyCharm, IntelliJ, NetBeans

CERTIFICATIONS

Java Training by IIT Bombay

Python Training by IIT Bombay

Connecting to a MongoDB Database - MongoDB University

EXTRACURRICULAR

- Won a hackathon and consistently participated in college coding challenges.
- Gained practical knowledge through college-organized training initiatives.