

# SHIVAM SINGH

📍 Greater Noida, UP    ✉ shivamsingh.sde@gmail.com    ☎ +91 9568502920

in LinkedIn    🌐 GitHub    📁 Portfolio

## Summary

---

Recent Information Technology graduate with a strong foundation in software development and proven technical proficiency. Demonstrated problem-solving and analytical skills through academic projects, seeking a challenging opportunity to apply my expertise and contribute to a dynamic organization that fosters continuous learning and innovative solutions.

## Technical Skills

---

**Languages:** Java, C, C++, HTML, CSS, JavaScript, SQL, Python

**Technologies/Frameworks:** React.js, Tailwind CSS, Spring Boot, Visual Studio, Git, GitHub, IntelliJ IDEA, MySQL Workbench

**Database:** MySQL

**Core Competencies:** Data Structure and Algorithms, Problem Solving, Web Development, Object Oriented Programming, Technical Design, Software Development, Frontend & Backend Development, RESTful APIs Development, CRUD Application Development.

## Projects

---

### Hospital Management System

[Code](#) [↗](#)

- Engineered a comprehensive Java-based system to streamline patient registrations, doctor information, and appointment scheduling.
- Implemented patient and doctor management modules, including functionalities for creating or viewing records and booking appointments.
- Integrated MySQL to manage a relational database schema for storing patient, doctor, and appointment data efficiently.
- Tools Used: Java, MySQL

### Gesture Control Light System

[Code](#) [↗](#)

- Designed a hand gesture-based control system using Python, OpenCV, and MediaPipe to enable touchless light control.
- Implemented real-time hand tracking to recognize and differentiate left- and right-hand gestures.
- Enabled dynamic control of lights, adjusting brightness, and changing colours based on hand gestures.
- Tools Used: Python

## Education

---

**Greater Noida Institute of Technology**

*Bachelor of Technology* — **GPA: 7.29**

**Greater Noida, UP**

*Aug 2022 – July 2025*

**Coursework:** Data Structure, Operating System, Databases, Object Oriented Programming, Networking

## Achievements

---

- Earned **Master, Achiever, and Specialist** badges on **Code360**, reflecting consistent performance in problem-solving and core concepts.
- Achieved the **SQL 50** Badge on **LeetCode**, demonstrating proficiency in SQL and query optimization.
- Certified in **C** and **C++** through **Infosys Springboard**, showcasing strong understanding of programming fundamentals.
- **Solved 500+** Algorithmic problems on various online platforms and judges.

## Profile Links

---

[LeetCode](#) [↗](#)

[HackerRank](#) [↗](#)

[Code360](#) [↗](#)