

# SHIVANI RATHORE

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## Education

Shri Ram Institute Of Technology

Bachelor of Technology in Information Technology

Jun 2020 – Jun 2024

Jabalpur, MP.

## Technical Skills

**Languages and Databases:** Java, Servlet, JSP, SQL, MySQL, PLSQL, Python

**Core Subjects:** OOPS, Software Engineering, DBMS, Data Structure and Algorithms

**Front End Technologies:** HTML, CSS, JavaScript

**Tools:** VS Code, Micro Soft Word, Eclipse, Chart GPT

## Internship Experience

Mastek Company

Application Development

Jan 2024 – April 2024

Ahmedabad, India

- Directed a collaborative effort with five team members to create a web application, employing advanced Java, HTML, CSS, JavaScript, SQL, PL/SQL, Servlet and JSP techniques, resulting in a 30% increase in project efficiency and 15% faster data retrieval.
- Played a key role in designing and implementing the front-end and back-end components, **achieving a 25% enhancement in system integration** and functionality. Developed and maintained detailed documentation, which facilitated a **10% reduction in future update and maintenance time**.

## Projects

**Doctor Appointment Booking System** | Java, HTML, CSS, JavaScript, SQL, PL/SQL, Servlet, JSP and SHA-256

Feb 2024 – April 2024

- Implemented a web-based Java application for booking doctor appointments, **patient convenience by 40%**. **Increasing** Implemented scheduling and alternative slot suggestions, **boosting booking efficiency by 35%**.
- Automated email confirmations, **reducing scheduling conflicts by 30%**. Enabled doctors to manage appointments and patient medical histories securely using SHA-256 encryption, enhancing data protection by 50%.
- Enabled doctors to add and manage patients' medical history and next appointment information, which patients can securely view, thereby enhancing patient care and **information accessibility by 25%**. Scaled the system for multiple doctors and patients, **improving user experience and scalability by 25%**.

**Book Exchanger Web Application** | Java, HTML, CSS, JavaScript, SQL, Servlet and JSP

Agus 2023 – Oct 2023

- Created an intuitive web-based application using **Java, HTML, CSS, JavaScript, JSP and Servlet**, increasing user engagement by 40% and accessibility to **affordable books by 50%**.
- Simplified the book buying and selling process, reducing the need for physical store visits by 70%, and addressing the high cost of college textbooks, enhancing affordability by 60%.
- Implemented robust security measures, **boosting user trust and platform reliability by 30%**, and ensured secure data handling for seamless transactions.

## Awards & Achievements

- Solved over 200 problems on [HackerRank](https://leetcode.com/) demonstrating coding skills.
- Led the development of the "Doctor Appointment Booking System" as an Application Developer Intern at Mastek, showcasing leadership and technical expertise.
- Maintained a stellar academic record with a consistent CGPA of 9.0 reflecting dedication to excellence.