

Shruti Tiwari

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LINKEDIN | GITHUB | PORTFOLIO

Bhopal, Madhya Pradesh



Brief Summary

Dedicated Software Developer proficient in Java, Python, MySQL, and Machine Learning. Experienced in building scalable, user-focused applications and managing complex databases efficiently. Strong problem-solver focused on delivering reliable, real-world software solutions using modern frameworks and deep learning technologies.

Skills and Abilities

- **Languages:** Java, Python, C++, HTML, CSS, JavaScript
- **Frameworks & Libraries:** Django, Java Servlets, Hibernate
- **AI & Data science:** Machine Learning
- **Database Management:** SQL
- **Version Control & Tools:** Git, Git-Hub, VS Code, IntelliJ, Eclipse

Education

B Tech: CSE (8.43 CGPA)

Sagar Groups of Institutions- Sistec (RGPV University), Bhopal

Higher Secondary (12th): 71%

Holy Faith higher Secondary School (CBSE Board), Harda

High School (10th): 80%

Academic Heights Public School (CBSE Board), Timarni

Projects

Project 1: AI Enhanced Career Guidance System (GitHub)

Designed a web-based application that provides career recommendations through real-time data analysis powered by Python and Machine Learning.

Project 2: Indian Sign Language Text/Speech Translation (GitHub)

Developed an Indian Sign Language translation web application using Deep Learning, YOLO, and Django to convert sign gestures into text and real-time speech with SQLite-based data handling.

Project 3: Exam Seating Management System (GitHub)

Designed and implemented an exam seating arrangement system using Java Swing and MySQL, enabling efficient allocation and error-free, organized seating management.

Achievements

- Maintained top academic ranking as Branch Topper for the 3rd, 4th, 5th, and 7th semesters

Certifications

- Java Programming- Sheryians Coding School
- Complete MYSQL Course – Udemy
- The Joy of Computing Using Python- National Programme on Technology Enhanced Learning

Hobbies & Interest

- Sketching