Shruti Tiwari

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OBJECTIVE

Motivated Software Developer with a solid foundation in Java, Python, Machine Learning, and MySQL. Proven ability to develop secure systems, apply data structures effectively, and build interactive applications while solving complex technical problems.

SKILLS AND INTEREST

Programming Languages	C++, Java, Python, JavaScript
Frontend Technologies	HTML5, CSS3, Bootstrap, React.js
Database	SQL
Backend & Frameworks	Java Servlets, JSP, Hibernate, Django and REST API
ML & AI	Machine Learning, Deep Learning
Cloud & Tools	AWS, Git, GitHub
Soft Skills	Adaptability, Quick Learner, Problem Solving

EDUCATIONS

Sagar Group of Institutions - SISTec	2022 - 2026
Bachelors of Technology in Computer Science & Engineering	**Cgpa:8.28**
Holy Faith Bal Red Khurd Harda	2021 - 2022
Higher Secondary (Class XII)	**Percentage:71**
Academic Heights Public School Timarni	2019 - 2020
High School (Class X)	**Percentage:80**

CERTIFICATIONS

- **National Programme on Technology Enhanced Learning** – The Joy of Computing Using Python
- **AWS Academy** – Machine Learning Foundations (Graduate Training Badge)
- **Sheryians Coding School** – Java Programming

PROJECTS

AI Enhanced Career Guidance System (GitHub)
- Developed an AI-driven career guidance web application using Python, Machine Learning, and Django, providing personalized career recommendations through real-time data analysis.

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.

Java Based File Encryption System (GitHub)
- Developed a secure Java-based file encryption system using cryptographic techniques to protect sensitive data and ensure data confidentiality.

POSITIONS OF RESPONSIBILITY

Member, Super 30 Group – Department of Computer Science & Engineering
Selected as part of the Super 30 academic excellence group, demonstrating strong performance in core computer science subjects and problem-solving abilities. Actively participated in advanced learning sessions, peer collaboration, and technical skill enhancement initiatives.

HOBBIES AND INTEREST

- Sketching
- Solving Sudoku Puzzles