Shruti V. Rathod

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CONTACT

- **in** linkedIn
- **Github**
- 🌐 **Website**
- `</>` **Leetcode**

SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

TECH SKILLS

- Languages: Python, Java, C++
- Data Structures
- Algorithms
- SQL, MySQL, SQLite
- Web Development

LEADERSHIP & EXTRACURRICULARS

- **Co-chairperson,** IEEE WIE UMIT (2023–2024): Led event strategy & coordination
- **Junior Council Member**, IEEE WIE UMIT (2022–2023): Designed digital promo material

CERTIFICATIONS

- C++ | Link
- JAVA | Link
- SQL | Link
- Web Development | Link

PROFILE

Motivated and detail-oriented Computer Science undergraduate with hands-on experience in full-stack development, Java-based applications, and AI-driven projects. Proficient in Java, Python, SQL, and modern frameworks like Flask, Spring, and Express.js. Strong academic foundation with leadership experience through IEEE WIE initiatives. Passionate about building scalable, secure, and innovative tech solutions.

EDUCATION

Bachelor of Computer Science & Technology
Usha Mittal Institute of Technology | SNDT Women's Uni.
GPA: 7.22/10   2021-2025

Higher Secondary Certificate | Percentage : 79.50

Secondary School Certificate | Percentage : 85.60
                                                    2019-2021
                                                    2018-2019

INTERNSHIP

Java Developer Intern
Worisgo | Remote | Mar 2025 – Apr 2025
Gained hands-on experience in building backend systems using Java and Spring Framework. Worked on developing structured web applications with functionalities like data processing and user management.
Technologies Learned: Java, Spring Boot, MySQL, HTML, CSS

Full Stack Web Development Intern
TechnoHacks | Remote | Jan 2025 – Feb 2025
Worked on designing and developing full-stack web applications using MERN and Flask stacks. Gained exposure to RESTful API creation, user authentication, and frontend-backend integration.
Technologies Learned: Node.js, Express.js, MongoDB, Flask, Postman,

AICTE AI/ML Intern – TechSaksham
Remote | Jan 2025 – Feb 2025
Explored the fundamentals of AI and deep learning through hands-on projects involving image generation and UI integration. Learned to use advanced tools for AI-based application development.
Technologies Learned: Stable Diffusion, ComfyUI, Python

PROJECTS

Smart Recipe Generator
Developed an AI-powered web application using Flask and Hugging Face Transformers to generate personalized recipes, increasing recipe generation speed by 30% through optimized JAX-based NLP models. Enabled users to discover a 50% wider variety of relevant recipes.

Graphical Password Authentication System
Engineered a multi-layered login system (text, color, image-based) leveraging Flask, SQLite, and SHA-256 hashing, significantly reducing susceptibility to shoulder surfing attacks by 75% (simulated) and enhancing overall data security by introducing 3 distinct authentication factors

YouTube Transcript Summarizer (Chrome Extension)
Developed a Chrome extension that extracts and summarizes YouTube video transcripts using a Flask backend and T5 Transformer model, enabling users to quickly grasp video content and reduce viewing time by up to 60% via concise summaries

AWARDS & PUBLICATIONS

- Consolation Prize – Major Project Exhibition, UMIT (2024)
- Research Work - IJCRT May-2025," Multi-layered Authentication system for enhanced security against Shoulder-surfing."