

SMRITI SAROJ SINHA

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Skills

Core skills C + , Python , HTML5, CSS3, JavaScript, Tailwind CSS, React, Node, Express, MySQL, Git, Github, Machine Learning, Computer Networks, Postman, Performance Testing, SDLC.

Soft Skills Problem-Solving, Critical Thinking, Collaboration, Communication, Adaptability, Time management, Creativity, Leadership

Experience

Devstringx Technologies - Software Developer Feb 2025 – Till date

- Mastered full-stack technologies — **JavaScript, React.js, Node.js, Express.js, and SQL** — through practical, industry-level training.
- Gained hands-on exposure to **project management** and collaborative development workflows following agile practices.
- Currently working on the company project **CloveHr – HRMS** as part of the Software Development team.

Techgyan-IIT Bombay - Machine Learning Using Python (Intern) Jun 2023 – Aug 2023

- Built a **predictive ML model** to classify **rock vs. mine samples** using **Python**.
- Applied **scikit-learn, NumPy, and Matplotlib** for **data pre-processing, visualization, and model training**.
- Achieved **85% accuracy** with an **optimized logistic regression** on a dataset of **20K+** entries.

Internpe - Python Programming (Intern) Jul 2024 – Aug 2024

- Built interactive **Python GUI applications (Snake Game, Tic Tac Toe, Digital Clock)** using **Tkinter**, focusing on clean architecture and modular design.
- Enhanced **user experience** by integrating **real-time interactivity** and scalable code practices across all projects.

Education

Central University of Haryana 2021–2025

Bachelor of Technology, in Computer Science and Engineering (7.5 CGPA)

Minors: Introduction to Cyber Security -NPTEL

Aug 2024 – Dec 2024

Certifications

- Complete Git and Github
- SQL(Basic to Advanced)

Projects

Personal Portfolio Website (React, Tailwind CSS)

- Created a **responsive personal portfolio website** using **React** and **Tailwind CSS**, showcasing skills, projects, and achievements, deployed on **GitHub Pages**.

Sentiments Analysis system (Python, Flask, Logistic Regression, TF-IDF, React.js, Tailwind CSS)

- Developed a **full-stack Sentiment Analysis System** using **Logistic Regression** and **TF-IDF** in the backend (Flask) and **React** for the frontend to classify and visualize user sentiment.

Flappy Bird - Game (Pygame)

- Developed a **Flappy Bird clone** using **Pygame**, incorporating advanced **object collision mechanics** and **real-time score tracking** for enhanced gameplay experience.

QR Code Generator (Python, Tkinter, qrcode library)

- A Python GUI application to instantly generate and save QR codes for any input text or URL using the qrcode library.

Password Generator (Python, Tkinter)

- Developed a Python-based tool to generate secure, customizable random passwords for users.

Calculator App (Python, Tkinter)

- Created a GUI-powered calculator to perform all basic arithmetic functions in an intuitive interface.

Achievement

- Mastered 150+ DSA problems on LeetCode with a 120+ day streak, showcasing strong problem-solving and algorithmic skills.
- Led the Hackathon event as part of the core organizing team of Advik Techfest (Central University of Haryana), driving planning, team coordination, and event execution