

Smriti Saroj Sinha

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Skills

Core skills C++ , Python , HTML5, CSS3, JavaScript, Tailwind CSS, DSA, MySQL, OOPs Concept, Competitive programming, Computer Networks, Operating Systems, DBMS, Git, Github, Machine Learning, Postman, Performance Testing, SDLC.

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

Experience

Techgyan-IIT Bombay (Machine Learning Using Python) 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 preprocessing**, **visualization**, and **model training**.
- Achieved **85% accuracy** with an **optimized logistic regression** on a dataset of **20K+** entries.

Interne (Python Programming) Jul 2024 – Aug 2024

- Built interactive **Python GUI applications** (**Snake Game**, **Tic Tac Toe**, **Connect 4**) using **Tkinter**, focusing on clean architecture and modular design.
- Enhanced **user experience** by integrating **real-time interactivity** and scalable code practices across all projects.

Devstringx Technologies (Full Stack Developer Trainee) Feb 2025 – Apr 2025

- Mastered full-stack technologies — **JavaScript**, **React.js**, **Node.js**, **Express.js**, and **SQL** — through practical, industry-level training.
- Designed and developed **"Rootify"**, a complete **plant e-commerce web app**.
- Gained hands-on exposure to **project management** and collaborative development workflows following agile practices.

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
- Tailwind CSS (Basic to Advanced)
- SQL(Basic to Advanced)

Projects

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 and Password Generator GUI (Python)  

- Developed **Python-based GUI applications** for generating customizable **QR codes** using **Tkinter** and **qrcode**, and for creating secure, random **passwords** using **Tkinter** and **random** libraries, enhancing user experience and security.

Chat Application (Django) 

- Designed and developed a fully functional **chat application** using **Django**, providing real-time communication capabilities and user authentication features.

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**.

Rootify - Plant E-commerce Web Application (React, Express, Node.js, MySQL)

- Developed **Rootify**, a full-stack **plant e-commerce web application** using **React**, **Express**, **Node.js**, and **MySQL**, with features including product management, seller dashboard, cart system, and order tracking, leveraging **RESTful APIs** for seamless integration.

Achievement

Mastered 150+ DSA problems on LeetCode with a 120+ day streak, showcasing strong problem-solving and algorithmic skills.