Swikriti Suman

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Education

JIS University, Kolkata, India   *2022 – 2026*
B.Tech in Computer Science and Engineering — **CGPA: 9.12**

Banasthali Vidyapith, Jaipur, India   *2019 – 2021*
Higher Secondary XII (Science) — **93%**

Ganga Global School, Begusarai, India   *2018 – 2019*
Secondary X — **87%**

Coursework & Skills

Core Subjects: DSA, OS, DBMS, DAA, OOP, Computer Architecture
Programming: Python, C, C++, SQL, Java
Web: HTML, CSS, JavaScript, Node.js, Express.js, Flask, API
Tools: Git, MySQL, MongoDB, Pandas, NumPy, MS Excel
Soft Skills: Communication, Team Management, Adaptability, Problem-Solving

Projects

CropSet – Contract Farming Platform [GitHub]
Built a web app to connect farmers and buyers for secure, transparent contract farming.
Tech Stack: HTML, CSS, JavaScript, Node.js, Express.js, SQL/MongoDB

AI-Powered Personal Assistant [GitHub]
Created a voice-activated desktop assistant to automate tasks like opening websites, reporting date/time, and running programs.
Tech Stack: Python, SpeechRecognition, pyttsx3, webbrowser, datetime, OS

PurePlates – Food Verification System [GitHub]
Built a lightweight web app to detect ingredients from food images to assist people with dietary restrictions or allergies.
Tech Stack: Python, Flask, HTML, CSS, JavaScript

Internships

C++ Developer Intern — Pinnacle Labs Pvt Ltd   Worked on C++ projects, ensuring efficient development and debugging.
Highlights: Improved application performance and resolved key bugs.

Hackathons

Smart India Hackathon 2024 (Internal Round) — Selected for *CropSet*
Hack4Bengal 2025 — Participated in team-based challenge

Certifications

- IBM – Introduction to AI
- Udemy – HTML, CSS, JavaScript, Python
- NPTEL – Programming in Java