Shivansh Mehra

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Education

I am a motivated and detail-oriented BTech student with a strong foundation in engineering principles and a passion for solving real-world problems through technology. Adept at learning quickly, collaborating in teams, and adapting to new challenges, I am actively seeking opportunities to apply my technical skills and contribute meaningfully to innovative projects.

Education

Samrat Ashok Technological Institute — Vidisha, MP
B.Tech in Computer Science and Engineering — Aug. 2024– May 2028

NRI Global Discovery School — Bhopal, MP
Higher Secondary Education(CBSE) — Aug. 2022– May 2024

NRI Global Discovery School — Bhopal, MP
Secondary Education(CBSE) — Aug. 2020– May 2022

Project Work

1.Password Strength Checker
A simple and secure web-based Password Strength Checker built using HTML, CSS, and JavaScript.It analyzes passwords in real-time based on strength rules and checks if they have been compromised using the HaveIBeenPwned API.

- https://shivanshmehra06.github.io/password-checker/

2.AES Encryption/Decryption Tool
This is a simple, elegant web tool for AES-based encryption and decryption of text messages, built using pure JavaScript and the crypto-js library. It runs entirely in the browser and requires no backend or server.

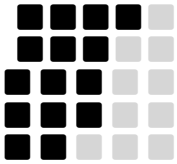
- https://shivanshmehra06.github.io/encryption-tool/

3.Satellite Telemetry Dashboard
A static, interactive telemetry dashboard built with Plotly.js—now enhanced with dark/light mode and elegant card-style UI. Fully hosted via GitHub Pages with no backend required.

- https://shivanshmehra06.github.io/sat-telemetry-webpage/

Technical Skills

Languages: HTML, CSS, Python, SQL, C.
AI Tools: Chat-GPT, DeepSeek, Gemini, Replit-AI.
Data Tools: Google Sheets, Excel, Forms , Docs, Canva.
Developer Tools: Git, VS Code, Jupyter, IDLE, Spyder, Replit.
Libraries: pandas, NumPy, Matplotlib.



Language

- Hindi
- English
- French