SONY BALEPRASAD GUPTA

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I am Sony Gupta, a motivated and self-driven individual with a strong foundation in Python and Core Java.
I have solid logical reasoning skills and enjoy breaking down problems to build real-world solutions using technology.
I'm always eager to learn, grow as a developer and contribute through my work.

EDUCATION

Master of Computer Applications   **8.7/10**

Vivekanand Education Society's Institute of Technology | Mumbai   2024 - 2026

B.Sc. Information Technology   **7.5/10**

Vande Mataram College | Mumbai   2021 - 2024

PROJECTS

CO$_2$ Ninja **- Carbon Footprint Calculator**   GitHub   Live

- Built a responsive, full-stack CO$_2$ footprint tracker using **Next.js** and **TypeScript**, featuring a dashboard, calculator, history tracker and emission trend visualizations.
- Designed reusable **React** components and styled the interface with **Tailwind CSS**.
- Implemented **MongoDB** to manage user data and **JWT-based authentication** for secure login.
- Integrated the **Gemini API** to power AI-driven sustainability insights and deployed the application on **Vercel**.

Hilite - Web Highlighter   GitHub

- Built a **Chrome Extension** to capture highlighted text from webpages and manage it as notes.
- Designed an interactive UI using **HTML, CSS & JavaScript** with features like search, copy, delete & export.
- Implemented content scripts and **chrome.storage.local** for persistent data handling across browser sessions.

Lockr - Password Manager   GitHub

- Developed a secure **credential management system** using **Spring Boot** and **REST APIs**.
- Implemented **CRUD** operations with **MySQL** database schema with normalization for scalable storage.
- Followed **SDLC,** tested backend services using **Postman** for request validation and error handling.

SKILLS

- **Programming Languages:** Python, Core Java.
- **Database Technologies:** MongoDB, MySQL.
- **Software Skills:** VS Code, Git & GitHub.
- **Strengths :** Problem Solving, Teamwork, Adaptability, Leadership.

CERTIFICATION

- Java (Techlamp Solutions)

ACTIVITIES

- Climate Change Awareness Program and Civic Engagements
- Drama Skit Setup and Performance

INTERESTS

- Reading
- Travelling
- *Cinephile*