

Vrinda Bhargava

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EDUCATION

Indian Institute of Information Technology

Bachelor of Technology in Computer Science Engineering (CSE)

Bhopal, Madhya Pradesh

August 2023 - June 2027

Rani Laxmi Bai Memorial School

Class XII - Central Board of Secondary Education (CBSE)

Lucknow, Uttar Pradesh

2022

City International School

Class X - Central Board of Secondary Education (CBSE)

Lucknow, Uttar Pradesh

2020

PROJECTS

Personal Portfolio Website | *HTML, CSS, JavaScript*

[Link](#) | [GitHub](#)

- Deployed a **personal portfolio website** featuring a **clean and responsive design** with a **modern aesthetic**.
- Utilized **responsive design principles** to ensure a seamless experience across various devices, including **interactive elements** and **animations** to enhance user engagement.

Greeting App (Serverless AWS Website Application) | *HTML, CSS, JavaScript*

[Link](#) | [GitHub](#)

- Developed a **serverless web application** deployed on **AWS S3** with **CloudFront** for fast content delivery.
- Utilized **AWS Lambda** for executing backend logic to fetch and update visitor counts dynamically.
- Stored visitor data in **AWS DynamoDB** to provide **real-time analytics** for user engagement.
- Built a **responsive interface** using HTML, CSS, and JavaScript, allowing users to submit names and receive **personalized greetings**.

SpotiPy Wrapped | *Python, Spotipy, gspread, Jupyter Notebook, Spotify API*

[Link](#) | [GitHub](#)

- Developed a **Spotify Wrapped App** that generates and updates users' **top tracks monthly**, providing a **dynamic and personalized experience**.
- Utilized **Spotify Web API** to retrieve users' top artists and tracks across various time periods using **OAuth2 authorization**.
- Automated data insertion into **Google Sheets** via the **gspread** library, organizing track data in a **structured format** for easy accessibility and updates.
- Designed the app interface using **Glide**, creating a **user-friendly frontend** to display the top tracks in real-time.

ACHIEVEMENTS

Google Cloud Study Jam

May 2024

Participant

- Explored **prompt design** in **Vertex AI**, gaining insights into **prompt engineering** for optimized AI performance.
- Learned to develop **generative AI applications** using **Streamlit** and **Gemini**, making complex models **user-friendly** and accessible.
- Gained a foundational understanding of **Generative AI** and its impact on various industries.

Smart India Hackathon

September 2023

Participant

- Competed in **Hack-O-Sprint 1.0**, an internal hackathon hosted by IIIT Bhopal, securing a place among the **top 5** out of 30 teams.

SKILLS

Languages: Python, C/C++, JavaScript, HTML/CSS, MATLAB

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm

Soft Skills: Problem-Solving, Teamwork, Communication