Gourav Sen

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EDUCATION

Laskhmi Narain College of Technology and Science, Bhopal   **2021 - 2025 (Expected)**
Bachelor of Technology in CSE-AIML (**CGPA -** 8.13/10.0)   *Bhopal, Madhya Pradesh*

Kendriya Vidhyalaya No.1 Sagar (12th)   **2020**
Central Board of Secondary Examination (**Percentage**: 84.60%)   *Sagar, Madhya Pradesh*

ST Mary's Sr. Sec Convent School   **2018**
Central Board of Secondary Examination (**Percentage**: 71.40%)   *Sagar, Madhya Pradesh*

EXPERIENCE

Python Development Intern| Infosys Springboard   May 2024 – Present

- **Project**: VisiOCR
  - Collaborating with a team of 25 to develop an OCR (Optical Character Recognition) application.
  - Utilizing Python, OpenCV, and Tesseract for image processing and text extraction.
  - Implementing features to capture and preprocess images, extract text, and validate Aadhar and PAN details.
  - Integrating the application with Django for web-based deployment and scalability.

Python Programming Intern | 8Bit Warriors   January 2024 - February 2024

- Developed a Task Automation program that automates file renaming in a specified directory by adding a user-defined prefix.
- Developed Data Visualization Tool that allows users to load data from CSV or Excel files, choose a chart type (Line Chart, Bar   Chart, Histogram, or Scatter Plot), and visualize the data.
- Developed python script that analyzes social media data (e.g., tweets, posts) and visualizes them using graphs and charts.

SKILLS AND INTERESTS

- **Languages**: Python, JavaScript
- **Technologies and Libraries**: HTML, CSS, Tailwind CSS
- **Others:** DSA, DBMS, Google Cloud Platform
- **Areas of Interest**: Cloud Computing, Web development, GenAI

PROJECTS

Awwwards Website Clone [HTML, CSS, JS (GSAP)**]**   GitHub 🔗
  - Implemented animations using GSAP (GreenSock Animation Platform) to create interactive and engaging elements such as image transitions, scaling effects, and rotations, ensuring the website's responsiveness across different devices.

URL Shortener [HTML, CSS, Flask (Python)**]**   GitHub 🔗
  - Allows users to convert long links into shortened URLs and ensuring secure handling with WTForms. The interface, designed with HTML and CSS, provides instant feedback through message flashing.

Crop Disease Detection Model [Python**]**   GitHub 🔗
  - Utilized Convolutional Neural Networks (CNNs) to achieve precise and seamless image detection capabilities, enabling users to diagnose diseases accurately by inputting relevant data into the model.

ACHIEVEMENTS

- Participated in Smart India Hackathon 2023.
- Participated in the Asia AI Odyssey Challenge and secured a position among the top 1000 winners.
- Participated in Google Cloud Arcade (Jan 2023-June 2024)
- Participated in Google Cloud Study Jams (x4)

CERTIFICATIONS

- Google Cloud Certified-Associate Cloud Engineer (Google Cloud-2024)
- Google Cloud Certified- Cloud Digital Leader (Google Cloud-2024)
- Python Foundation Certification (Infosys Springboard- 2024)
- Getting started with Python (Coursera-2023)
- Programming Essentials in Python (Cisco-2022)