Digvijay Singh

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.7 (Current)	2021-Present
Senior Secondary	CBSE Board	96%	2021
Secondary	CBSE Board	96.67%	2019

PROJECTS

- **Pass Portal for Alcheringa** *Jan 2023*
  Alcheringa Link
  – Developed the backend for the pass portal using **Django**, enabling online sales of Fest Cards.
  – Incorporated key features such as **OTP** verification and integrated IITG payment gateway for secure online transactions.
  – Implemented an automated system to send passes directly to attendees' email addresses upon successful payment.

- **Jossa Data Analysis Website** *July 2023*
  Coding Club ,IIT Guwahati Github
  – Utilized **Beautiful Soup** and **Mechanize** for web scraping. Transformed the retrieved data into CSV format and integrated it into the **Django** database for efficient management of data.
  – Used **Echarts.js** to develop visually captivating charts.
  – Leveraged **NumPy** and **Pandas** for Exploratory data analysis operations.

- **Alcheringa's Main Website** *Dec 2022 - Jan 2023*
  Alcheringa Github | Link
  – Developed a dynamic website using **ReactJs** for Alcheringa, the annual cultural fest of IIT Guwahati.
  – Utilized the powerful **GSAP** (GreenSock Animation Platform) library to craft captivating scroll animations, enhancing the visual appeal and interactivity of the landing page.

- **Campus Ambassador Portal** *July 2022*
  Alcheringa Github | Link
  – Developed a **Django**-based portal to streamline the appointment process of college representatives for Alcheringa, the premier cultural event of IITG.
  – Incorporated features such as user authentication, idea submission by ambassadors, and a performance-based scoring and ranking system.

TECHNICAL SKILLS

- **Programming**: C/C++, Python*
- **Web Technologies**: HTML5, CSS, JavaScript, ReactJS, GSAP, Django
- **Miscellaneous**: Web Scraping, Matlab, Bootstrap   ** Elementary proficiency*

KEY COURSES TAKEN

- **Computer Science**: Introduction to Computing, Computing Lab, Data Structures
- **Mathematics**: Linear Algebra, Real Analysis, Discrete Maths, Complex Analysis

POSITIONS OF RESPONSIBILITY

- **Core Team, WebOps**, Alcheringa, IIT Guwahati *June 2023 - Present*
- **Executive, WebOps**, Alcheringa, IIT Guwahati *May 2022 - Feb 2023*

ACHIEVEMENTS

- **JEE Advanced**, secured All India Rank **5548** among **1.5 lakh** candidates appearing for the same. *2021*
- **JEE Mains**, secured All India Rank **7490** among **10 lakh** candidates appearing for the same. *2021*