ASMITA SINGH

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EDUCATION

- **Bachelor of Technology in Computer Science and Engineering**
  Vellore Institute of Technology, Bhopal, Madhya Pradesh   *CGPA: 8.88 | June 2021 – June 2025*

- **Class XII (CBSE)**
  Angels High School, Hazaribagh, Jharkhand   *Percentage: 93.8% | May 2021*

- **Class X (ICSE)**
  Mount Carmel School, Hazaribagh, Jharkhand   *Percentage: 88% | May 2019*

SKILLS

MySQL, Python, Java, Power BI, Excel

EXPERIENCE

- **Trainity |** Data Analyst Intern   **Jan 2025- Ongoing**
  - Completed 2 projects i.e, "Data Analytics Process" and "Instagram User Analytics" using MySQL.
  - Learned the concepts of Tableu, Power BI, Excel and Python.

- **Forage |** Accenture UK Developer and Technology Virtual Experience Programme   **Nov 2024 - Dec 2024**
  - Designed a custom algorithm using pseudocode and visualized its logic with a flow diagram, while also debugging a Python program by fixing syntax and logic errors.
  - Completed the Developer and Technology Job Simulation where an end to end understanding of the SDLC.

PROJECTS

- **Instagram User Analysis**   **Jan 2025**
  - Designed and executed complex queries in MySQL to analyze user engagement, detect inactive users, identify contest winners, and track hashtag trends, optimizing data-driven decision-making.
  - Created, populated, and validated database structures, leveraging advanced SQL techniques to generate insights on user behaviour, ad campaign effectiveness, and bot detection for improved platform performance.

- **Students' Score Analysis**   **Nov 2024**
  - Utilized Pandas, NumPy, Matplotlib, and Seaborn to analyze student scores, visualize distributions, and identify performance trends based on gender, study hours, and ethnic groups.
  - Processed and cleaned dataset by handling missing values and formatting inconsistencies, generating heatmaps, box plots, and pie charts to extract meaningful insights on academic performance.

- **The-Indian-Law-System**   **Jun 2024**
  - Developed a responsive and visually engaging informational website, *Indian Laws Portal*, featuring an intuitive UI for exploring Indian legal categories, notable judges, and historical data using HTML, CSS, and JavaScript.

CO-CURRICULAR ACTIVITIES

- Volunteer: Managed 5 teams for a Treasure Hunt during "The Foragers" organised by the D2C Igniters Club.
- Organizer**:** Planned and executed "Geek Gala 2.0" during the annual college fest with the GFG Club.

ACHIEVEMENTS

- Awarded a 25% VITEEE Scholarship for the 4 years under the G. Viswanathan School Development Programme.

INTEREST

- Yoga- Attended several district level sessions during school days.
- Music, art, and craft