Ayushi Gupta *Software Developer*

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Education

Bundelkhand University, Jhansi   2020-2024
- Bachelor of Technology - Computer Science & Engineering
- Cumulative GPA: 8.74/10

Jai Academy, Jhansi   2019-2020
- XII - PCMB - CBSE
- Percentage: 85.2%

Skills

- Programming Languages: **C++, Python**
- Web Development: **HTML, CSS, Javascript, jQuery, Bootstrap, Nodejs, Expressjs**
- Databases: **MongoDB, SQL**
- Data Science: **Data Analytics, Machine Learning**
- Others: **Data Structures and Algorithms, Git, Github**

Experience

Research & Development Intern – MSE Department IIT Kanpur   September 2023-October 2023
- Actively contributed to the collaborative development of Virtual Labs by IITs.
- Designed and implemented a virtual lab simulator for the Characterization of Materials Lab.
- Leveraged a diverse set of technologies including HTML, CSS, Bootstrap, JavaScript & jQuery.

Projects

SarvDaan
- Spearheaded the development of the backend architecture within a comprehensive full-stack initiative addressing food insecurity.
- Implemented intricate features facilitating seamless user donations and targeted identification of individuals in need.
- Utilized cutting-edge technologies including Node.js, Express.js, and MongoDB to ensure robust functionality.

Bloggitt
- Played a pivotal role in the meticulous frontend development of a dynamic full-stack blog platform.
- Empowered users to curate and disseminate their content, fostering an interactive environment for community engagement.
- Crafted an intuitive user experience using HTML5, CSS3, Bootstrap, and JavaScript.

Anime Recommendation System
- Led the architecture and implementation of a robust recommendation system tailored specifically for Anime enthusiasts.
- Incorporated advanced machine learning techniques within a full-stack project to deliver personalized and relevant recommendations.
- Made use of sophisticated tech stack comprising Python, Flask, Jupyter Notebook, Pandas, NumPy, HTML5, CSS3, and Bootstrap for seamless integration and functionality.

Achievements & Extracurricular Activities

- Attained First position in Third Year (BTech) for outstanding academic performance.
- Contributed to the seamless execution of ICUMSAT 2023.
- Participated as a member of the registration team for the IIT's Virtual Labs Nodal Centre Meet.

Certifications

- Microsoft Azure AI Fundamentals
- Tata Data Visualization - Job Simulation on Forage