Gurleen Kaur Makhija

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EDUCATION

B. Tech in Computer Science and Engineering ,VIT Bhopal University   **(Sep, 22- Jun, 26)**
Current Cumulative GPA: 8.96
CBSE 12th Standard, LBS Academy (Kota, Rajasthan)   **(Jul, 22)**
Achieved Cumulative Percentage: 86.9%
CBSE 10th Standard, St. Paul's Senior Secondary School (Kota, Rajasthan)   **(Jul, 20)**
Achieved Cumulative Percentage: 88.6%

TECHNICAL PROFICIENCIES:

C, C++, Python, HTML, CSS, Javascript

PROJECTS

Student Assistance Hub   **Sep 2023 - Oct 2023**

- Created a centralized online platform fostering seamless communication between students and college administration. The interface enables easy complaint filing, assistance requests, and technical support, enhancing overall engagement and support mechanisms.
- Developed a user-friendly front-end interface with **HTML, CSS, and JavaScript** for streamlined complaint submission and management, ensuring a seamless user experience.
- Implemented backend using **MongoDB** for efficient operations, leveraging its document-oriented architecture and indexing capabilities to optimize data storage and retrieval. Successfully handled a dataset of over 10,000 records, ensuring rapid issue resolution. Crafted visually appealing website login logos in **Adobe Illustrator** to enhance the platform's visual identity.

Blogger Website   **Nov 2023 - Dec 2023**

- Constructed a captivating blogging website with aesthetic balance and intuitive interface.
- Crafted a visually stunning and responsive interface using semantic **HTML and CSS**, leveraging Flexbox and grid for layout design in adherence to web standards.
- Enhanced user experience by implementing ARIA roles, alt attributes for screen readers, and media queries for cross-device responsiveness. Leveraged the **Owl Carousel library** to create dynamic content displays with features like touch and drag functionalities, and autoplay for a polished and engaging user experience.

DevVani   **ongoing**

- Developing a platform that retrieves quotes from spiritual books based on user-entered keywords, enhancing user experience with meaningful and personalized content.
- Utilized **BERT** model and Python for advanced natural language processing, implementing tokenization and **NLP** techniques to enhance text processing capabilities in a project.
- Executed machine learning methodologies, strategically leveraging the capabilities of BERT on a vast dataset exceeding 100,000 documents to optimize keyword search and significantly enhance the efficiency and accuracy of information retrieval.

EXTRACURRICULAR ACTIVITIES

Bit By Bit Club

- Demonstrated exceptional leadership as the **president**, guiding teams and driving successful project outcomes.
- Crafted dynamic websites with HTML, DOM, and React, and orchestrated events like TechNama and TechMystery, engaging around 200 participants with innovative web technologies.

Fine Art Club

- Actively fostered a vibrant artistic community through active involvement in various activities.
- Engaged in UX design activities through Figma, fostering innovative user experience.

ADDITIONAL

Languages: Fluent in Hindi, and English; Conversational Proficiency in Punjabi.
Certifications & Training: Ranked among the **top 10** teams at VIT Bhopal, Hackathon, Achieved **Top 5% Rank** in NPTEL Cloud Computing Course, Python Essentials (Vityarthi), Bits and Bytes Of Computer Networking (Coursera), Executive Summary Submission of the EY Techathon 4.0 (1st round), Participated in Crowdsource November Nights, Solved 50 questions of DSA on HackerRank, 5stars in Python on HackerRank.