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KULDEEP SINGH SHEKHAWAT

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EDUCATION

BHOPAL, INDIA   **V.I.T. Bhopal University**   **Oct 2022 – Present**

Bachelor of Technology in Computer Science and Engineering

Academic Achievements:

- Engineering GPA: 8.66/10

INDORE, INDIA   **Chameli Devi Public School**   **2019 – May 2022**

Intermediate from CBSE board - 2022 batch

Academic Achievements:

- PCM with Informatic Practices and Physical Education (94.2%)
- Scored 99/100 in Informatic Practices Examination

High school from CBSE board - 2020 batch

Academic Achievements:

- Scored 90.02%

EXPERIENCE

Software Developer Intern   **XenPark Solutions**   **Sep 2024 – Dec 2024**

- Skills: Frontend Development, Angular 18, JavaScript, TypeScript
- Worked on an Angular project as a Trainee Developer.
- Project Description: The IIoT application project aimed to provide real-time monitoring and analytics for manufacturing plants, focusing on machine performance, downtime analysis, OEE (Overall Equipment Effectiveness), and preventive maintenance metrics.

EXTRA CURRICULARS

Member/Volunteer   **CyberWarriors VITB**   **Nov 2022 – May 2024**

- Participated and managed different activities and events of the club.

PROJECTS

- **Brain Tumor Detection (2024).** Develop a web-based system utilizing **Convolutional Neural Networks (CNNs)** for automated and efficient brain tumor detection in MRI scans.
- **Loan Database System (2022).** This project has been developed using **Python (Pandas, NumPy, Matplotlib)** to analyze and visualize to automate the loan eligibility process (real-time) based on customer detail provided while filling the online application form.
- **Gestures to Text Detection (2025)** Led the development of a system that converts human hand gestures into readable text, aimed at enhancing non-verbal interaction. Implemented using **Flask** and **Convolutional Neural Network (CNN)** for gesture recognition and classification.

SKILLS

- Kotlin (Android Studio), Angular 18
- Python (5 star in Hacker Rank), C/C++
- Frontend Development (HTML/CSS/JS)
- SQL, Data Structures and Algorithms in Java
- Object Oriented Programming

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification
- NPTEL Cloud Computing Course (1% Topper)