SIMRAN PALIWAL

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Education

BMS Institute of Technology & Management, Bengaluru, India	**2021 - 2025**
● CSE | CGPA: **9.4**	(expected)
St. Xavier's High School, Jabalpur, India	**2019 - 2020**
● *ISC (Class XII), Aggregate: 90%*	
St. Xavier's High School, Jabalpur, India	**2017 - 2018**
● *ISCE (Class X), Aggregate: 88%*	

Technical Skills

- **Languages:** Java | C | C++ | Python | HTML | CSS | JavaScript | R | Solidity |SQL | PHP
- **Frameworks and Libraries:** React | SpringBoot | Java Servlets | Maven | Apache Tomcat
- **Coursework:** Data Structures and Algorithms | Object Oriented Programming | Data Communication and Networks | Operating Systems | Database Management Systems |Software Engineering | Blockchain |Data Science and Machine Learning

Projects

GestureDeck - Python | OpenCV | NumPy | MediaPipe | [Link](#)

- **Developed GestureDeck:** A hand gesture-controlled PowerPoint presentation tool that allows users to navigate slides, add annotations, and control pointers using natural hand movements.
- **Technologies Used:** Utilized OpenCV for real-time computer vision tasks, NumPy for efficient numerical operations, and MediaPipe for robust hand tracking and gesture recognition.
- **Enhanced Presentation Interaction:** Improved the user experience by enabling touchless control of presentations, offering an intuitive and seamless way to interact with slides.

JobQuest - Java | SpringBoot | MongoDB | React | [Link](#)

- **Developed JobQuest:** An online job portal where employers can post job listings and recruit candidates, while employees can browse and apply for jobs, facilitating seamless job matching and application processes.
- **Backend Technologies:** Built using Java Spring Boot with Maven for robust server-side functionality and MongoDB for efficient and scalable data management.
- **Frontend Technologies:** Implemented with ReactJS for a dynamic and responsive user interface, enhancing user experience and engagement.

Academic and Extracurricular Achievements

- Solved **150+** problems on [LeetCode](#) and **150+** problems in [CodeChef](#).
- **500+ DSA** cumulative problems solved on different platforms.
- Runner up in PBL at college level.

Positions of Responsibility

- Led the Media Team in Technical Fest of College.
- Helped in organizing various coding competitions and events in college.

Hobbies and Interests

- Reading books.
- Travelling.
- Singing and Dancing.
- Video editing and Social Media management.