**SANVI KOUL**

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**EDUCATION**

**VIT BHOPAL UNIVERSITY** Bhopal, Madhya Pradesh

Bachelor of Technology in Computer Nov 2022- Oct 2026

CGPA:8.15

**JSS PUBLIC SCHOOL** Bengaluru, Karnataka

Higher Secondary Apr 2022

Percentage :82%

**THE FRANK ANTHONY PUBLIC SCHOOL** Bengaluru, Karnataka

Secondary May 2020

Percentage:91%

**UNIVERSITY PROJECTS**

**Career Analysis Web Platform**

***Developer | Python (2022)***

* Architected and deployed a web-based application enabling comparative analysis of 50+ career profiles using structured datasets.
* Engineered RESTful API integrations and optimized data parsing with Pandas for real-time data representation.
* Implemented multi-parameter filtering (domain, education, salary, hours), enhancing decision accuracy and driving a 60% increase in user retention.
* Executed user testing with 25 academic peers; achieved a 4.5/5 satisfaction score based on usability, clarity, and responsiveness.
* Validated 90% functional compliance against project benchmarks through iterative QA cycles.

**Cyber Café Management System  
*Backend Developer | Python (2022)***

* Programmed a modular backend system for session tracking, time-based billing, and usage analytics, improving operational accuracy by 90%.
* Devised a terminal-based interface for seamless administrative control and menu management.
* Integrated itemized billing tied to user sessions, automating transactions and reducing human error by 85%.
* Stress-tested system with synthetic workloads simulating 100+ user logins over 7-day intervals; maintained >95% system availability.
* Refined exception handling and input validation to ensure secure and fault-tolerant execution.

**ACTIVITIES**

**IEEE Student Branch, VIT Bhopal  
*Content Department – Student Partner Representative (SPR)***

* Led the 5-membered content team in drafting 10+ brochures, itineraries, SOPs, event scripts, and official communications across all major IEEE events.
* Contributed to the successful execution of ElectroVLSI 2024 and Beyond Level 0 Hackathon (300+ attendees).
* Liaised with faculty, administrative, and creative departments to secure approvals and finalize documentation 48+ hours ahead of schedule.
* Anchored key segments and coordinated with design, faculty, and admin teams for seamless communication.

**TECHNICAL SKILLS**

Technical Skills: Java, Python, C++, JavaScript

Web Technologies/Frameworks: HTML, CSS (bootstrap) , Node.js, Express.js  
Developer Tools and Platforms: VS Code, Git, GitHub

**ADDITIONAL**

Language: English, Hindi

Certification: Python Essentials  
Hobbies: Reading, Skating