Khushi Arora

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EDUCATION

VIT Bhopal University   July 2021- August 2025
Bachelor of Technology in Computer Science (CGPA : 7.4)

DAV Public School   June 2021
Class XII PCM (94.8%)

OLF Convent School   June 2019
Class X (96%)

TECHNICAL SKILLS

- Programming Languages: Python, SQL
- Data Visualization: Tableau, Power BI
- Technologies: Excel, VS Code, React.js, Node.js,
- Development Concepts: Git & GitHub, Linux

PROJECTS

Chess Matchmaking and Gameplay Platform
Tech Stack: React, Node.js, TypeScript, WebSockets, Redis, PostgreSQL

- Built a real-time chess platform with matchmaking and gameplay.
- Implemented WebSocket servers for live updates and OAuth for login.
- Used Redis for move queuing and PostgreSQL for data storage.

Data Interpretation for Neoplastic Diseases
Tech Stack: Python, SQL, Pandas, Tableau, scikit-learn

- Analyzed clinical datasets to identify trends and predict risks.
- Applied machine learning for neoplasm classification.
- Created Tableau dashboards and automated data pipelines.

AI-Driven Rubik's Cube Simulator
Tech Stack: React, TensorFlow.js, AI-generated code

- Built an AI-powered simulator with reinforcement learning.
- Integrated computer vision for cube recognition.
- Developed a 3D UI with gesture and voice controls.

ACHIEVEMENTS & LEADERSHIP ROLES

- Graphic Designer, CrazyVITians Graphic Team (December 2021)
- Contributed to Photoshop, logo design, and content creation for campus events.
- Participated in MUN
- Participated in GFG Jobathon and CODHERS2025

CERTIFICATIONS

- The Bits and Bytes of Computer Networking | Issued: February 2023
- NPTEL: Cloud Computing | January 2024 – April 2024
- Python , SQL , Excel Certificates from Online Course