Medhavi Chitranshi

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Summary

Detail-oriented MCA student skilled in Full-Stack Development, Software Engineering, and Python applications. Experienced in building user-focused solutions with Java, Python, HTML, CSS, JavaScript, and MySQL. Proficient in SDLC, OOP, and DSA, and committed to delivering scalable technology.

Technical Skills & Tools

Programming: Java, Python.
Web: HTML5, CSS3, JavaScript.
Database: MySQL, Database Management.
Tools & Platforms: VS Code, GitHub.
CS Fundamentals: OOP, SDLC, DSA, Algorithms.

Projects

- **Bhojan Box – Online Mess Management System | May 2025**
  - Developed a full-stack web platform for order management and subscription services for campus mess operations.
  - Streamlined mess operations by reducing manual effort and improving order accuracy.
  - **Tech Stack:** HTML, CSS, JavaScript, MySQL.
  - **Impact**: Helped simplify food delivery for students and administrators in institutional settings.
- **Hand Speak Synapse – Sign Language Translator | January 2025**
  - Built a Python application using OpenCV to translate hand gestures into text, supporting communication for people with speech disabilities at ~85% accuracy.
  - Leveraged Machine Learning algorithms for real-time hand gesture recognition.
  - **Tech Stack:** Python, OpenCV.
  - **Impact:** Offers a cost-effective communication tool for people with speech and hearing disabilities.

Education

- **Master of Computer Applications (MCA)**
Vellore Institute of Technology, Bhopal | 2024-2026 | 9.14 CGPA
- **Bachelor of Computer Applications (BCA)**
Dehradun Institute of Technology, Dehradun | 2021-2024 | 8.74 CGPA
- **Intermediate (ISC)**
City Montessori School, Lucknow | 2020-2021 | 8.93 CGPA
- **Matriculation (ICSE)**
City Montessori School, Lucknow | 2018-2019 | 8.51 CGPA

Certifications

- **AWS Educate: Machine Learning Foundations** — Covered ML concepts and AWS tools.
- **Accenture Software Engineering Virtual Program (Forage)** — Completed software workflow simulations.
- **Goldman Sachs Software Engineering Virtual Program (Forage)** — Learned software engineering basics.
- **Prompt Design in Vertex AI Skill Badge** — Demonstrated prompt engineering, image analysis, and multimodal generative AI skills.

Professional Skills

Team Collaboration | Leadership & Time Management | Problem Solving & Communication | Adaptability

Extracurricular Activities

- **NSS Council Member**: Led social initiatives at the university level.
- **Graph Theory Workshop, Algo University:** Enhanced algorithmic knowledge.
- **NCC Cadet:** Completed leadership and discipline training with 11 UK Girls Battalion.
- **Content Creator:** Developed 15+ branded content pieces for fashion, skincare, and makeup brands—boosting Instagram campaign engagement by 30% on average.

Hobbies and Interests

Content creation | Trekking | Badminton | Chess | Exploring new skills