Jiya Sheth

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SUMMARY

Motivated and detail-oriented Computer Science and Engineering student with a strong foundation in software development and AI/ML techniques. Skilled in C++, Python, JavaScript, SQL, and web development, with hands-on project experience in developing a Sign Language Detection system using machine learning. Eager to apply problem-solving skills, innovative thinking, and technical expertise to real-world challenges through an internship. Enthusiastic about working in collaborative environments, with proven teamwork skills both in academic projects and on the cricket field.

EDUCATION

2023 - 2027   B.Tech - CSE (Health Informatics) at **VIT Bhopal University**   (CGPA: 7.96/10)

PROJECT

Sign Language Detection   Repository

Developed an interactive web-based system using Python (Flask) backend and HTML/CSS front-end to facilitate real-time recognition of hand gestures representing sign language.

Integrated a trained machine learning model (Project.h5) for gesture recognition- a convolutional neural network—served via app.py and exposed through RESTful endpoints.

Designed and implemented a clean and responsive user interface, allowing seamless capture of gesture images, inference, and display of detected sign results.

Managed project dependencies and environment through a structured requirements.txt, ensuring reproducibility and easy deployment.

Demonstrated practical application of AI/ML, web development, and software deployment in a compact, functional prototype.

SKILLS

Languages:	C++, Python, HTML, JavaScript, CSS, Java
Technologies + Tools:	Flask, MySQL, NodeJS, Git, ReactJS, LLMs, MongoDB, AWS
Relevant Coursework:	Object Oriented Programming, Operating Systems, Databases, Data Structures n Algorithms

EXTRACURRICULAR

Assistant Sports Secretary – Student Council   — One Academic Year

Actively served as Assistant Sports Secretary, coordinating and managing various intra-college tournaments and the inter-college sports tournament "Advitya" as part of the annual fest.

Developed and demonstrated strong leadership, event management, and organizational skills by planning schedules, allocating resources, and supervising teams of volunteers.

Enhanced communication and time management skills by liaising with participants, faculty, and other student council members to ensure smooth execution of multiple sporting events.

Fostered teamwork and collaboration, motivating students to participate and ensuring events ran efficiently and successfully.