


Sadhvi Thakur

Bangalore, India

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Career Objective

Motivated web developer with strong skills in JavaScript, HTML, CSS, databases, and RESTful APIs. I have a passion for building scalable, user-focused applications. I use my problem-solving and analytical skills to deliver high-quality results. I am committed to collaboration, inclusivity, and agile teamwork. My focus is on innovation, continuous learning, and providing effective digital solutions.

Areas Of Interest

- **Languages:** JavaScript, Python, Java, C.
- **Frontend:** HTML5, CSS3, React.js (responsive design), Node.js, Three.js, Tailwind CSS.
- **Backend:** Express.js, Flask, FastAPI
- **Databases:** MySQL, MongoDB, PostgreSQL
- **APIs & Tools:** RESTful APIs, JSON, Git & GitHub

Projects

Portfolio Website | React, Three.js, GSAP, Tailwind CSS

- Developed a 3D-enriched portfolio with immersive animations and responsive design.
- Integrated GSAP for scroll-triggered animations and optimized mobile performance.
- Link for the portfolio - <https://portfolio-sadhvi.vercel.app/>

Sign Language Translator | HTML, JavaScript, CSS, MobileNet + KNN

- Built a web app that lets users train custom sign gestures via webcam and translates them into text/speech.
- Implemented real-time classification using MobileNet feature extraction with a KNN classifier, with options to save or load models.
- Link for the project - <https://github.com/Sadhvithakur/Sign-language-Translator.git>

Multiple Disease Prediction Web App | Python, Streamlit, Scikit-learn

- Developed ML models to predict Diabetes, Heart Disease, Parkinson's, and Breast Cancer from patient data.
- Integrated models into an interactive Streamlit app with real-time predictions and health insights.
- Link for the project - <https://github.com/Sadhvithakur/Multiple-Disease-Prediction.git>

Education

- **MCA** | Bangalore Institute of Technology | 2023 – 2025 | CGPA : 8.6
- **BCA** | Garden City University, Bangalore | 2020 – 2023 | CGPA: 8.3

Achievements

- Served as Tech Coordinator in the MCA Department, leading technical events and supporting academic initiatives.
- Publication: "Intelligent Sign Language Translation Solution for Inclusive Hearing", published in IJRESM.
- 2018 – Represented India at the Asian Muay Thai Championship, secured 3rd place.
- 2018 – Won Silver Medal at the Kashmir Nationals (Muay Thai).
- 2017 – Secured Gold Medal at the Sikkim National Muay Thai Championship.