

Hindushree H V

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Professional Summary

Computer Science student with strong technical foundation and hands-on experience in Full Stack Development and Machine Learning. Skilled in Python, React.js, Node.js, and Flask, with a focus on building secure and scalable web applications. Seeking roles in Software Development or AI-driven systems.

Education

NMAM Institute of Technology NITTE

July 2024 – July 2026

Master of Computer Application

Nitte, India

KLE Society's S Njalingappa College

Oct 2021 – July 2024

Bachelor of Computer Application

Bengaluru, India

Technical Skills

Programming: C, C++, Python, Data Structure

Web: HTML, CSS, JavaScript

Database & Tools : MySQL, SQL, Oracle, MongoDB, GitHub, Eclipse, VS Code.

Projects

Diabetes Prediction Using Machine Learning | Python, Pandas & NumPy, Scikit-learn, Matplotlib & Seaborn | [GitHub](#)

Full Stack + AIML – May 2024 – June 2024

- Developed an AI-based stress detection model using physiological signals (EDA, HR), performing data preprocessing, feature extraction, and training ML algorithms like SVM, Random Forest, and CNN.
- Built a Flask-based web application that provides real-time stress predictions, live-updating graphs, and automatic logging of user inputs for interactive monitoring.

Attendance-system | PHP, MySQL, HTML, CSS, JavaScript, XAMPP | [GitHub](#)

Full Stack / Web Development - March 2025 – April 2025

- Developed a web-based system using PHP and MySQL to manage student data, mark attendance, and generate automated reports.
- Ensured data accuracy, user-friendly interface, and easy deployment for educational institutions using XAMPP.

Event-management | HTML5, CSS3, Bootstrap 5, AngularJS, jQuery, JavaScript | [GitHub](#)

Full-Stack Web Development – July 2025 – Aug 2025

- Developed a responsive event management web app with user login, event creation/editing, search, image upload, and CSV export.
- Implemented light/dark mode UI using Bootstrap and AngularJS for dynamic interaction and clean, professional design.

Sign_Language_Translator | Python, TensorFlow, Keras, MediaPipe, OpenCV, NumPy, Streamlit | [GitHub](#)

Machine Learning + Computer Vision project

- Developed a real-time Sign Language Translator using CNN, MediaPipe, and OpenCV to recognize ASL hand gestures (A–Z) and convert them into text and speech.
- Built a complete ML pipeline including dataset preparation, model training, evaluation, and real-time deployment with high prediction accuracy.

Courses and Certifications

- Introduction to MongoDB - Coursera
- Full Stack Development Coursera(Meta)
- Microsoft Azure, AI and Applied AI Learning Challenges
- Cloud Computing SDP - Wipfli, Bangalore
- Prompt Engineering for ChatGPT - GreatLearning