

SHYAM SINGH

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SUMMARY

Motivated Computer Science student with strong knowledge in web development, programming, and problem-solving. Skilled in HTML, CSS, JavaScript, Bootstrap, and Python with hands-on experience in building responsive websites. Proven ability to apply academic learning to practical projects and achieve results through teamwork, leadership, and dedication. Seeking opportunities to contribute technical expertise in software development and web technologies.

EXPERIENCE

Java Full Stack Web Development Intern

American India Foundation Trust

Jan 2025 – Mar 2025

- Completed a two-month paid internship in Full Stack Web Development.
- Developed and deployed responsive web applications using HTML, CSS, JavaScript, Bootstrap, and React.js.

PROJECT

Portfolio Website

- Developed a personal portfolio website using HTML, CSS, JavaScript, and Bootstrap
- Designed responsive UI for certifications, skills, and projects.
- Implemented GitHub for version control and deployment.

Indian Sign Language (A-Z) Alphabet Recognition System

- Developed a real-time Indian Sign Language (ISL) A-Z alphabet recognition system using Python, OpenCV, and MediaPipe.
- Extracted hand landmarks to recognize alphabet gestures from live webcam input.
- Integrated text-to-speech (pyttsx3) to speak the recognized alphabet in real time.
- Displayed detected alphabet characters on screen for user-friendly interaction.

EDUCATION

Bachelor of Technology (B.Tech.) – Computer Science & Engineering

Dr. Ambedkar Institute of Technology for Divyangjan, Kanpur (UP) • Kanpur (UP) • 2024 – 2027

Diploma in Computer Science & Engineering – 71.95%

Dr. Ambedkar Institute of Technology for Divyangjan, Kanpur (UP) • Kanpur (UP) • 2021-2024

AWARDS & HONORS

Secured 1st Position in Chess Competition

IIT Kanpur UDGHOSH • 2022

Secured 2nd Position in Badminton Competition

IIT Kanpur UDGHOSH • 2024

Elected as Sports Secretary

Dr. Ambedkar Institute of Technology for Divyangjan • 2023

SKILLS

WebDevelopment: HTML, CSS, JavaScript, Bootstrap

Programming: Python, MySQL

Tools: Git, GitHub, VS Code

Problem-Solving: Debugging, Algorithmic problem solving

Soft Skills: Leadership, Communication, Team Collaboration

Languages: English, Hindi