

# Santy Sharma

Phagwara, India

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## EDUCATION

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### Lovely Professional University

Bachelor of Technology in Information Technology

July 2023 - July 2027

### Sanskar Vidya Public School

XII Grad, CBSE

April 2020 - May 2022

## EXPERIENCE

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### Freelance Web Developer

June - Aug 2024

Local School Website Project – [Kid's Craft Academy]

Remote

- Designed and developed a basic webpage for a local school to showcase information, events, and contact details.
- Assisted with content structuring and provided guidance on website updates.

### Data Support Intern

June - Aug 2025

Amber Anthony Industries (Private Firm)

Remote

- Assisted in organizing and managing employee data, improving their internal database structure.
- Worked on spreadsheet tools to streamline data entry and access.

## PROJECTS

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### Skill Mentor (Online Coaching Platform) | HTML, CSS, JavaScript

Developed a fully functional, **responsive** web platform for online coaching and training. The platform supports user login, course listings, and a clean UI for both trainers and learners. Designed to be easily **maintainable** and **scalable** for small educational institutions.

### Gesture Pilot – Hand Gesture Controlled Music Playback System | Python, OpenCV, MediaPipe

Created a real-time **gesture** recognition system that allows users to control music playback (play/pause, volume, etc.) using hand gestures detected via a webcam. Integrated **computer vision** and **machine learning** techniques to recognize gestures and map them to media actions, offering a touch-free music experience

### Portfolio | React.js, TypeScript, Next.js, Framer Motion, Sass

Crafted a portfolio website using **React.js** and **TypeScript**, showcasing diverse web projects and skills. Prioritized user experience and SEO by adopting **Next.js** SSG, resulting in a **1-second** reduction in page **load time** and improved website visibility.

## ACHIEVEMENTS AND CERTIFICATIONS

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- Achieved the highest rating of **1449** by actively participating in **10+** coding contests
- Solved over **300** coding challenges on platforms like **Leetcode** and **GeeksForGeeks**
- Contributed to over **15 pull requests** in open-source projects during **Hacktoberfest**
- Algorithmic Toolbox - **Coursera**
- Front-End Web UI Frameworks and Tools: Bootstrap 4 - **Coursera**
- Web Development using HTML, CSS, Bootstrap, SQL – **Internshala**
- Certified Ethical Hacker** (CEH) is a qualification given by EC-Council and obtained by demonstrating knowledge of assessing the security of computer systems by looking for vulnerabilities in target systems

## TECHNICAL SKILLS

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**Languages:** C++, JavaScript/TypeScript

**Frameworks/Libraries:** React, Redux, Firebase, Next.js, TailwindCSS, Sass, MaterialUI

**Developer Tools:** Git, Vercel, Netlify

**CS Fundamentals:** Data Structures and Algorithms, OOPs