

# Sandhya Sharma

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## EDUCATION

### Bachelors of Engineering (Electronics and Communication)

University Institute Of Engineering & Technology, Panjab University, Chandigarh

11/2020 – 07/2024

CGPA: 8.42/10

### Higher Secondary Education (CBSE)

Vardey Devi Cosmo Public Sr. Sec. School, Brahmanwas, Julana, Jind

2020

Percentage: 87%

### Secondary Education (HBSE)

Vardey Devi Cosmo Public Sr. Sec. School, Brahmanwas, Julana, Jind

2018

Percentage: 92.40%

## SKILLS

### Programming Languages

C, C++, HTML, CSS, SQL, JavaScript

### Libraries / Framework

ReactJs, React Native, Material UI, Tailwind CSS, SCSS, Shadcn UI, Redux, NextJs, TypeScript, Node js

### Subjects


Data Structures, Algorithms, OOPS, OS, DBMS, Computer Networking

### Tools / Platforms

Git, Github, Figma, Adobe Illustrator, Postman, Canva, JIRA, MS Excel

## PROFESSIONAL EXPERIENCE

### IT Associate

VDOIT Technologies Ltd. 

01/2024 – present

Gurgaon, India

- Completed a 6-month internship, leading to a full-time role, with strong proficiency in JavaScript and TypeScript.
- Designed and developed UI/UX for a scalable, AI-driven chatbot project utilizing React.js, TypeScript, Material-UI, and Shadcn UI, achieving a 30% improvement in user engagement through clean coding practices.
- Efficiently managed forms using Zod, Formik, and Yup, and implemented over 10 custom hooks while adhering to best practices in testing.
- Collaborated with cross-functional teams and successfully led three training projects to enhance team skills. Additionally, mentored five interns and possess foundational knowledge of DevOps.

### Web Designer / Developer (Freelancer)

12/2020 – 11/2023

- Freelanced as a designer and developer, enhancing brand visibility for diverse clients.
- Designed brochures and social media content, increasing client engagement by 25%.
- Completed a WordPress development project in one month, creating a school website from scratch, and managed all aspects from photoshoot organization to deployment, benefiting the alma mater.

## PROJECTS

### TwinProtocol

01/2024 – present

AI Twin Chatbot

- Developed over 50 interactive and responsive components using React, TypeScript, TailwindCSS, MUI, shadcn, and Zustand, improving load times by 20% and boosting user retention by 20%.
- Integrated AI, Blockchain technologies, and REST APIs for secure operations and enhanced user interactions.
- Designed and implemented user-friendly interfaces for creating, publishing, and training AI twins, along with interactive chat functionalities.

### Team Engineers

11/2021

Educational Platform

- Developed an educational resource website, providing students with easy access to college study material.
- Applied a robust database system, leading to a 25% reduction in data retrieval times & improved user satisfaction.
- This was a small-scale startup which gained us some financial profits as well.

## ACHIEVEMENTS

- Successfully advanced in competitive rounds of TVS Credit 5.0, Coca Cola Disrupt Season 3, and Tata Imagination Challenge 2023 on Unstop and Walmart CodeHers finalist.
- Solved 350+ DSA problems across coding platforms, honing algorithmic expertise.
- Secured an internship offer from TIE Chandigarh, recognizing my skills and potential in the field of entrepreneurship.
- Earned multiple awards for public speaking, reflecting strong communication and presentation acumen.