JIYA SEHGAL

Computer Science Engineering Student

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EDUCATION

B.E in Computer Science Engineering
Chandigarh University

📅 August 2021 – Present   📍 Punjab, India

CGPA: 8.47

Class XII
Convent of Jesus and Mary

📅 April 2020 – April 2021   📍 Ambala,India

Percentage: 95.4

SKILLS

Languages: Python, C++(Basic), SQL, Java, HTML, CSS, JavaScript.

Development Tools: Canva, Visual Studio Code, GitHub, Figma, UI/UX Design.

Soft Skills: Communication, Presentation

Other Technologies: Data Structures and Algorithm ,Virtual Private Cloud.

CERTIFICATIONS

Chegg
Code Version control with Git and GitHub

Microsoft
Web Development for beginners

Microsoft
Using GitHub copilot with JavaScript

Coding Ninjas
Data Structures and Algorithms (Beginner to Intermediate)

Google
Foundations of User Experience (UX) Design

Meta
Principles of UX/UI Design

Coursera
Create a Virtual Private Cloud (VPC) Using AWS

PROJECTS

PomodoList [May 2024]
- Integrated "PomodoList," a Pomodoro timer with a to-do list, enhancing productivity and task management through timed work intervals and breaks.
- Engineered responsive design principles for accessibility across devices, ensuring a consistent user experience.

Sorting Visualizer [March 2024]
- Designed an interactive user interface for visualizing various sorting algorithms, including selection sort, quick sort, heap sort, and more.
- Integrates up to 100 arrays simultaneously , delivering speeds of up to 1000 milliseconds.

Portfolio Website [June 2023]
- Developed an interactive portfolio with intuitive user interface and responsive layout.
- Utilizes JavaScript to dynamically switch between light and dark themes based on user preference, providing personalization.

Restaurant Menu Platform [June 2023]
- Designed a User friendly interface for browsing over 50 recipes and restaurant menus.
- JavaScript, HTML , CSS were used for development.

Color Guessing Game [May 2023]
- Created a Mini-project to reinforce understanding of RGB values and enhance color recognition skills.
- Features more than 100 combinations of RGB values for players to guess.

PUBLICATIONS

Automatic Number Plate and Speed Detection
📅 IEEE 9TH I2CT 2024

A Comprehensive Review of Face Detection Technologies
📅 ICAIT-2024

EXTRA CURRICULAR

- Winner : "Speak-O-Vista Season 21".
- Achieved Semi-Finalist for Group Discussion (GD) Prime event at the university level.
- Ranked 148th in NCAT by NaukriCampus (out of 200,000+ participants).
- Coordinator Head, CSE 3rd Year Events Team Successfully anchored and facilitated over 10 events.