

Hussanpreet Soni

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EDUCATION

- **Banasthali Vidyapith University** *July 2023 - May 2027*
Bachelor of Technology in Computer Science (CGPA: 8.23)
 - **Kendriya Vidyalaya Kishtwar, J&K** *April 2021 - March 2023*
Senior Secondary (Grade: 86%)
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PROJECTS

- **SortViz – Interactive Visualization Tool**
 - Developed a dynamic, web-based visualization tool using JavaScript, HTML, and CSS.
 - Helped demystify complex sorting algorithms for technical and non-technical users.
 - Conducted user research with 15+ learners to inform design decisions.
 - Added features like adjustable array size and animation speed for enhanced flexibility.
 - **ELance – Your Career Companion**
 - Built an AI-powered career platform providing personalized job recommendations based on resumes, skills, and market trends.
 - Developed a skill demand tracker and tailored learning paths for in-demand skill development.
 - Integrated resume analyzer, chatbot, and career forums to enhance mentorship and professional growth.
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EXPERIENCE

- **GirlScript Summer of Code (GSSoC) 2025 – Open Source Contributor**
 - Collaborated with a global open-source team and participated in GitHub code reviews to improve front-end layouts and usability.
 - Enhanced user accessibility by implementing a scroll-down navigation button.
 - Quickly learned the project's existing codebase and contribution guidelines, successfully merging pull requests that improved UI responsiveness.
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TECHNICAL SKILLS

- **Languages:** C++, C, JavaScript, HTML/CSS, SQL
 - **Concepts:** Object-Oriented Design (OOP), Data Structures & Algorithms (DSA)
 - **Developer Tools:** Git, GitHub, VS Code, LaTeX
 - **Databases & Data:** MySQL, Tableau
 - **Soft Skills:** Collaboration, Leadership, Problem-Solving, Strong Communication
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ACHIEVEMENTS & CERTIFICATIONS

- Member, Women Techmakers – Recognized as part of Google’s global community supporting women in technology.
 - Google Analytics Individual Qualification (GAIQ)
 - Microsoft Certified: Azure Data Fundamentals and Azure AI Fundamental
 - Selected among Top 25 out of 269 ideas in Idea Carnival 2025 for the innovative project “**Energy from Motion**”.
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