

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 - Mar 2023**
 - ***Senior Secondary (Grade: 86%)***

PROJECTS

SortViz – Interactive Visualization Tool

- Developed a dynamic, web-based visualization tool using **JavaScript, HTML, and CSS** to demystify complex sorting algorithms for technical and non-technical users.
- Conducted user research with 15+ learners to inform the design, resulting in 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

EXPERIENCE

1. GirlScript Summer of Code (GSSoC) 2025 — *Open Source Contributor*

- Collaborated with a global open-source team, giving and receiving feedback through **code reviews** on GitHub to improve frontend layouts and usability.
- Enhanced user accessibility by proposing, implementing, and **shipping** a scroll-down navigation button, proactively incorporating feedback from project mentors.
- Quickly learned the project's existing codebase and contribution guidelines, successfully merging pull requests that improved UI responsiveness.

TECHNICAL SKILLS

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

ACHIEVEMENTS AND 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
- Selected among Top **25** out of 269 ideas in *Idea Carnival 2025* for the innovative project “Energy from Motion.”
- Selected for the **McKinsey Forward Learning Program**, demonstrating strong analytical and leadership potential.