# SARA

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## EDUCATION

**National Institute of Technology (NIT), Hamirpur**                    Aug 2023 – May 2027
**Bachelor of Technology – Mathematics and Computing**
CGPA: **8.78** (Top 10% in department)

**Relevant Coursework:** Data Structures  Algorithms, Object-Oriented Programming, Discrete Mathematics, Real  Complex Analysis, Probability  Statistics.

**Class 12 – Himachal Pradesh Board of Secondary Education**                    2022 – 2023
Score: **452/500** (Top 10%)

## TECHNICAL SKILLS

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|---|---|
| **Programming Languages:** | C, C++, Python |
| **Web Development:** | HTML, CSS, JavaScript, Bootstrap |
| **Developer Tools:** | VS Code, MATLAB, Git, GitHub |
| **Soft Skills:** | Leadership, Teamwork, Time Management, Public Speaking |

## PROJECTS

**Student AI – Document Interactive Chatbot**                    **Python, LangChain, Gradio, PyPDF**
GitHub Repo
- Developed a **multilingual AI chatbot** using the **RAG (Retrieval-Augmented Generation) pipeline**, achieving **3.32s response time** with 95% user satisfaction.
- Integrated Hugging Face's **Gemma Model** for enhanced document and video interactions with zero hallucination and **100% accurate responses**.

**Elite Health – Healthcare Web Platform**                    **HTML, CSS, JavaScript, Bootstrap**
GitHub Repo
- Competed in Nationally acclaimed **SPEC NITH Electrothon 6.0 (500+ participants)** with Major Hacking League as an event partner.
- The aim of the project is to create a user-friendly website to provide **remote healthcare facilities** for **elderly people**. We collaborate with local hospitals, medical stores, and nursing centers to bring about a revolution in healthcare.
- Features: **Doctor appointments**, **Nursing services**, **Online medicine purchases**, **Blood donation alerts**.
- Future Plans: Integrate backend and database to make it fully functional.

## LEADERSHIP  EXPERIENCE

**Training  Placement Volunteer**                    **Nov 2023 – Present**
- Managed **placement activities** and corporate relations for **1,000+ students**.
- Coordinated recruitment drives and facilitated company outreach for NIT Hamirpur.

## ACHIEVEMENTS

**Academics:** Ranked in the **Top 10** of the Mathematics  Computing Department.

**Open-Source:** Selected for **GirlScript Summer of Code (GSSoC) – October 2024 Extended Version**.