

SARA

Mandi, Himachal Pradesh

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EDUCATION

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

Aug 2023 – May 2027

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

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

2022 – 2023

TECHNICAL SKILLS

Programming Languages:	Java, 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 GitHub Repo	Python, LangChain, Gradio, PyPDF
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- 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 GitHub Repo	HTML, CSS, JavaScript, Bootstrap
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- 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
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- 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**.