

Aditya Singh

(Template Version)

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Education

Dayananda Sagar College Of Engineering

Bengaluru, India

B.E in Information Science (VTU)

2022 – 2026

– Current SGPA: 9.4

Army Public School, Bhopal

Bhopal, India

Higher Secondary (CBSE)

2020 – 2021

– Percentage: 96.4% (Class 12th)

Army Public School, Bhopal

Bhopal, India

Secondary School (CBSE)

2018 – 2019

– Percentage: 90.6% (Class 10th)

Achievements and Certificates

- Participated in Hack Refine Hackathon (2024). Links: [GitHub](#)
- Participated in Aventus 2.0 National-level Hackathon (2024). Links: [GitHub](#)
- Top 10 in Sandbox 2025 Cybersecurity Hackathon (2024). Links: [GitHub](#)

Projects

Math-Wizard

A mathematical problem solver with step-by-step explanations.

Technologies: Python, Gradio, Transformers, PyTorch

Links: [GitHub](#), [Demo](#)

Menstrual-Health-QA-Model

QA model for addressing menstrual health queries.

Technologies: Jupyter Notebook, Hugging Face Spaces

Links: [GitHub](#), [Demo](#)

Aho-Corasick Visualization

Visualizing Aho-Corasick string-search algorithm.

Technologies: C++, wxWidgets

Links: [GitHub](#)

MediBot

A medical chatbot powered by Medical-Llama3-8B for medical queries.

Technologies: Jupyter Notebook, CUDA, Transformers

Links: [GitHub](#)

CarGoPlus

Car rental management system with a GUI.

Technologies: MySQL, C++, wxWidgets

Links: [GitHub](#)

ChatBot Web Project

Chatbot with SQLite3-based search storage.

Technologies: HTML, CSS, JavaScript, SQLite3

Links: [GitHub](#)

Skills

Programming Languages: C, C++, Python, Java, SQL

Frameworks/Technologies: MySQL, Transformers, TensorFlow, Gradio, wxWidgets

Tools: Git, Jupyter Notebooks, CUDA, SQLite3

Other: Model fine-tuning, AI/ML algorithms, GUI development

Extracurricular Activities

- Volunteer for RFH Juniors Run 2024, organized by Rupee For Humanity (RFH), Bangalore. Links: [Drive](#)
- Participated in multiple **Inter-college Hackathons**.
- Chess: Rated **2000** on Chess.com and **2200** on Lichess.org.