

GAGAN S

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Results-driven Information Science student from Dayananda Sagar College of Engineering passionate about developing user-friendly software applications. Excellent problem-solving skills and ability to perform well in a team. Seeking to help the company develop their product as a software engineer, as well as grow and develop my own skills as a coder.

EXPERIENCE

Technical Team Member [Certificate](#)

Team Arcis, DSCE

📅 October 2021 – March 2022 📍 Bangalore

- Participated in the AIAA 2022 DBF Competition.
- Responsible for selecting the propulsion system and avionics that best suited the project needs.
- Technology used: Ansys, E-calc, OpenVSP.

PROJECTS

LearnZ - E-Learning platform [GitHub](#)

Group-Project

📅 November 2022 – February 2023

- An all-in-one E-learning platform for students and teachers which uses NLP to extract keywords from the syllabus and provide Youtube recommendations based on it.
- Technology used: HTML5, CSS3, JS, JQuery, Python, Django, SQLite3, Docker, Jenkins, AWS .

Ticket Booking Application [GitHub](#)

Self-Learning Project

📅 February 2023 – April 2023

- A movie ticket booking system used to book tickets for various shows in different locations. Provides a graphical summary based on the ratings of shows in the venues.
- Technology used: HTML5, CSS3, JS, Python, Flask, Jinja2, SQLite3

Organ Procurement Network [GitHub](#)

Group Project

📅 August 2022 – September 2022

- A web application that aids hospitals in organ transplantation and uses dijkstra's algorithm to show nearest hospitals.
- HTML5, CSS3, JS, Python, Flask, Jinja2

Hackman v6 [GitHub](#)

Hackathon

- A full stack web application used for registrations and management of participants for a 24 hour hackathon.
- Technology used: HTML5, CSS3, JS, MongoDB, Express, ReactJS, NodeJS

EDUCATION

B.E in Information Science and Engineering

Dayananda Sagar College of Engineering

📅 September 2020 – Present CGPA:9.70

B.Sc in Data Science and Programming

IIT-Madras Online Degree Programme

📅 January 2021 – Present CGPA:7.20

Class XII

St. Claret Pre-University College

📅 May 2020 95.00%

Class X

Standard Public School

📅 May 2018 94.40%

SKILLS

• Languages

Java Python HTML5, CSS3, JS

• Frameworks

ReactJS NodeJS Express

MongoDB Bootstrap

Tailwind CSS Django Flask

Jinja

• Machine Learning - basics

OpenCV

Tensorflow

Keras

Scikit-Learn

• Other Skills

SQLite3

MySQL

Ansys

OpenVSP

Git

Jenkins

Docker

INTEREST & ACTIVITIES

- Working with Nokia on the project- Automatic UT generation using AI/ML - C, C++, Python and Golang through a university connect programme.
- Lead of a Student Forum called Genesis of the Department of ISE.
- Coordinated and executed various events including Hackman.v5 and Hackman.v6- a 24 hour open theme inter-collegiate hackathon, cultural events and Dental camps .