GAGAN S

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⌂ https://github.com/Astraxx04 ⚯ https://www.gagans.me

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

Automated UT Generation Researcher
Nokia, University Connect Programme

📅 April 2023 – September 2023   📍 Bangalore

- Worked on the project Automatic UT generation using AI/ML for languages: C, C++ and Python.
- Developed scripts which generates a unit test file for any source file provided.
- Technology used: Python.

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

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   Flask   Jinja

- Machine Learning - Basics

  OpenCV   Tensorflow   Keras
  Scikit-Learn

- Other Skills

  SQLite3   MySQL   Ansys
  OpenVSP   Git   Jenkins   Docker

INTEREST & ACTIVITIES

- 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.
- Currently, I am exploring React Native, a popular framework for mobile application development.