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

Student Intern
Nokia

📅 April 2023 – July 2023   📍 Bangalore

- Worked on the project, Automatic UT generation using AI/ML for languages: C, C++ and Python, through a University Connect Programme.
- Developed scripts that generate a unit test file for any provided source file.
- The developed script was capable of performing variable, function, and object mocking for the given input file.

PROJECTS

TrackLeaf GitHub | Website
Hackathon-HackX

📅 September 2023

- Developed an effective inventory management system for ensuring the seamless flow of resources while optimizing costs and reducing waste.
- Generated unique IDs and associated them with QR codes to enable precise tracking of inventory.
- Implemented a robust role-based access control system with JWT token authentication and employed data visualization through graphs to provide insightful inventory representations.
- Technology used: MongoDB, ExpressJS, ReactJS, NodeJS

LearnZ - E-Learning platform GitHub
Group-Project

📅 November 2022 – February 2023

- An all-in-one E-learning platform for students and teachers with features like quizzes, syllabus management, and online lecture delivery to enhance the educational experience.
- Implemented a Natural Language Processing (NLP) model for automatic video recommendations on YouTube based on the content of the uploaded syllabus, enhancing the user experience.
- Technology used: HTML5, CSS3, JS, Python, SQLite3, Docker

Ticket Booking Application GitHub | Website
Self-Learning Project

📅 February 2023 – April 2023

- Developed a comprehensive event management platform with the ability to create, update, and search for shows and venues, implement separate admin and user logins and enable user profile updates.
- Utilized ChartJS to create visual representations of user ratings for movies and shows, offering insightful data to the admin for informed decision-making and enhanced content management.
- Technology used: HTML5, CSS3, JS, Python, Flask, Jinja2, SQLite3

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 12
St. Claret Pre-University College

📅 May 2020   95.00%

Class 10
Standard Public School

📅 May 2018   94.40%

SKILLS

- Languages

  Java   Python   HTML/CSS3   JavaScript

- Technologies/Frameworks

  ReactJS   NodeJS   ExpressJS   MongoDB
  Bootstrap   Tailwind CSS   Flask   Jinja2

- Tools

  VS Code   Git   Docker   Postman   Ansys
  OpenVSP

EXTRACURRICULAR

- Served as a member of the technical team at Team Arcis, the official aero design team of DSCE, taking on the responsibility of selecting the propulsion system and avionics that best suited the project's requirements.
- Secured the 19th global ranking for the Technical Design Report in the AIAA 2022 DBF Competition in which I actively participated.
- As the Lead of Genesis student forum, successfully organized and executed multiple impactful events, including blood donation camps, dental camps and several other socio-cultural events.
- Led the planning and execution of two 24-hour hackathons called "Hackman," fostering innovation, collaboration, and technical skill development among participants.