

GAGAN S

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Gagan S

Astraxx04

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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

Project 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

Pratyaksh [GitHub](#) | [Website](#)

Smart India Hackathon 2023

October 2023 – December 2023

- Pratyaksh offers a solution that combines Geographic Information Systems (GIS) and Digital Image Processing for real-time progress tracking of infrastructure development.
- Developed a user friendly mobile application to track the daily progress of the infrastructure.
- Technology used: React Native, ReactJS, NodeJS, MongoDB

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](#) | [Website](#)

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

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

React Native

NextJS

GoLang

Bootstrap

Tailwind CSS

Flask

Jinja2

Tools

VS Code

Git

Docker

Postman

Ansys

OpenVSP

EXTRACURRICULAR

- Participated in the prestigious Smart India Hackathon 2023 and were declared **Winners SIH 2023** for the development of a real-time monitoring solution for infrastructure development.
- Served as a member of the technical team at Team Arcis, the official aero design team of DSCE and secured the **19th global ranking for the Technical Design Report** in the AIAA 2022 DBF Competition.
- 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.