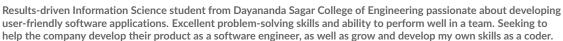
## **GAGAN S**

**)** (+91) 9008243280

Bengaluru, India

in Gagan S





### **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**

## 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

- 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

ava Python HTML/CSS3 JavaScript

• Technologies/Frameworks

ReactJS NodeJS ExpressJS MongoDB
React Native 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.