



VELAGALA

SAI SANDEEP REDDY

CONTACT

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- LinkedIn
- GitHub

EDUCATION

2021 - 2025
**NATIONAL INSTITUTE OF
TECHNOLOGY CALICUT**

- Electrical and Electronics Engineering
- GPA: 8.75 / 10.0 (current)

2019-2021
ADITYA TALENT SCHOOL

- Higher Secondary Education
- SCORE: 980 / 1000

SKILLS

- C , C++ (Proficient)
- Python , Go (Proficient)
- Core Java, Swing, AWT
- DSA in C++, Python
- OOPs in C++, Python, JAVA
- HTML , CSS (Proficient)
- BootStrap, JS
- MYSQL , MongoDB
- Socket Programming
- DBMS, Operating Systems

PROFILE

A motivated and enthusiastic graduate with a strong foundation in programming and problem-solving skills. Eager to apply my knowledge and learn new technologies, I am looking forward to contributing to innovative projects and working with the company in a dynamic and collaborative environment.

PROJECTS

Portfolio Website

HTML, CSS, BootStrap, Java Script

- Built a completely responsive and dynamic portfolio website using HTML, CSS, Bootstrap and JS.
- The site showcases my projects, skills, and experiences with a sleek, modern design and intuitive navigation.
- The project gallery features detailed descriptions and visual elements with interactive cards and modals for enhanced engagement.

Airline Route Optimization System

Python, Graph algorithms(BFS, Dijkstra), OOPs

- The Airline Route Optimization System integrates both the features of Object-Oriented Programming with algorithms like BFS and Dijkstra's to optimize route planning, minimizing time and costs while enhancing operational efficiency.
- This project exemplifies practical applications of OOP and graph theory in the aviation industry.

Java Rock Paper Scissors: Classic Gameplay

Core Java, OOPs, Java Swing

- Java Rock Paper Scissors brings the timeless fun of the childhood game to your screen. Built with Java OOP and Swing, this game offers a simple yet engaging experience. Play against the computer in a game that captures the essence of this popular pastime.
- It makes us enjoy basic visuals that emphasize gameplay, making it easy to dive into the excitement of Rock Paper Scissors anytime, anywhere.

FlightLink

OOPs in Python, MYSQL

- FlightLink is an advanced Airline Reservation System built using Object-Oriented Programming (OOP) principles and MySQL database technology.
- It offers seamless booking experiences for passengers, with features including real-time flight availability, seat selection, secure payment processing, and booking management.
- FlightLink ensures reliability and efficiency in airline operations, enhancing customer satisfaction and operational transparency.