

# Donil Jaison

Computer Science Student

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## Education

**Indian Institute of Information Technology, Sri City** 2023 – 2027  
*Bachelor of Technology in Computer Science & Engineering* **GPA:** 7.86/10.0  
*Relevant Coursework:* Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Networks, Web Development

**The Indian School, Kingdom of Bahrain** 2023  
*Class XII* **Percentage:** 94.6%  
Subjects: Mathematics, Physics, Chemistry, Computer Science, English

**The Indian School, Kingdom of Bahrain** 2021  
*Class X* **Percentage:** 91.6%

## Technical Skills

**Frontend:** React, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS

**Backend:** Node.js, Python, Express.js, MongoDB, MySQL

**Tools:** Git, GitHub, Linux

**CS Fundamentals:** Data Structures, Algorithms, Operating Systems, DBMS, Computer Networks

## Projects

### AI Research Project - GRASP Algorithm

*Technologies: Python, Machine Learning, Graph Algorithms*

Implemented optimal algebraic breadth-first search for sparse graphs using GRASP metaheuristic. Features ML-enhanced search, GUI visualization, and performance optimization.

### Portfolio Website

*Technologies: React, TypeScript, Vite, Tailwind CSS*

Responsive personal portfolio with animations, contact form integration, and clean UI/UX design.

### Sports Event Management System

*Technologies: Node.js, Express.js, MongoDB, EJS*

Web app with role-based dashboards and event management for organizers, players, and managers.

## Achievements

- **Principal's List** – The Indian School, Kingdom of Bahrain (2023) – Achieved 94.6% in Class XII.
- **Assistant House Captain** – Led house activities and represented in various school events.

## Extracurricular Activities

- **Badminton** – School team member for 4 years, participated in CBSE clusters, won individual awards.
- **Karate** – Achieved club and national-level medals in individual competitions.