

Education

BTech, Computer Science and Engineering, Indian Institute of Technology Goa	CGPA : 7.92/10	2023 – Present
Class 12, CBSE, Sita Saran Memorial School, Hilsa	Aggregate: 91.8 %	2020 – 2022

Experience

Inter IIT Competitive Programming Conclave (IICPC) Summer Camp [\[Certificate\]](#) (May 2024 – July 2024)

- Covered basic and advanced concepts of Data Structure and algorithm using C++ .
- Mentored by team of Grandmasters and International Masters on Codeforces in competitive programming .
- Under this summer camp, participated in multiple global contest hosted on codeforces.
- Collaborated with programmers across the country for solving tasks related to programming.

Projects

Student Management System [\[Github\]](#) (Jan 2024 – April 2024)

- Collaborated in a team of 5 to develop a web-based course registration system.
- Implemented a communication platform that enables interactions between students and professors.
- Utilized HTML, CSS, and JavaScript for the frontend development of the project.

Fraud Detection System[\[Github\]](#) October 2024

- Developed Fraud Detection System (Team Project): Collaborated with a team to design a solution for detecting and categorizing fraudulent online platforms.
- SSL Certification Verification: Implemented SSL certificate validation to verify the legitimacy of websites.
- Text Extraction and Contact Number Analysis: Worked on extracting contact information (such as phone numbers) from websites to identify suspicious patterns and flag potential fraud.
- Database Integration with Goa Police: Integrated with the Goa Police database to cross-reference known fraudulent websites, adding new suspected websites and their extracted contact details to the database for ongoing monitoring.
- Explored Machine Learning Model Implementation: Contributed to the exploration of machine learning techniques for potential future use in classification.

Skills

Computer Skills:	C, C++, Python, Linux(Ubuntu), Flask, PyTorch, TensorFlow, HTML, CSS, JavaScript, LaTeX, VHDL, R, AutoCAD, Git, Github
Electrical Software Skills:	AutoCAD, LaTeX, MS Word, MS Excel., Linux, Git, Github..
Relevant Coursework	Data Structures and Algorithms, Digital circuit and design, Probability and Statistics, Software Tools, Introduction to Programming (using Python)
Financial Skills	Completed finance course (FNC-102) under finance club of IIT Ropar [Certificate]

Positions of Responsibility

Chess Representative Chess Representative of chess club of IIT Goa (2024 – Present)

Student Mentorship Program Selected to mentor Students at IIT Goa (2024 – Present)

Achievements

- Achieved a team rank of 661 in ICPC prelims 2024
- Team got selected among 32 finalists for Goa Police Hackathon '24 among over 100 participants and achieved 2nd position in respective problem statement.
- Achieved 1st position in Chess in Chakravayuh (Annual sports fest) of IIT Goa.
- Achieved 1st position in both edition of cricket quiz (2023 and '24) held in IIT Goa

Extracurriculars & Hobbies

- Captain of the IIT Goa Chess Team, representing IIT Goa at Inter IIT Sports Meet 2024, held at IIT Indore, with participation from all 23 IITs.
- Represented Quiz team of IIT Goa at Inter IIT Cultural Meet 2024 held at IIT Patna.
- Playing chess, also an active member of the chess club of IIT Goa.
- Organised multiple inter-college Chess tournaments.
- Regularly participate in competitive programming and part of coding community.