

Currently Pursuing **BTech in Computer Science and Engineering** with minor specialisation in **AI and ML**

## SCHOLASTIC ACHIEVEMENTS

- Secured **97.14 percentile** in **JEE Mains** examination among **0.9 million+** registered candidates. (2022)
- Secured **94%** in **ISC Class 12 Board Examinations** (2022)
- Secured **94%** in **ICSE Class 10 Board Examinations** (2020)

## WORK EXPERIENCE

### Software Development Intern | Maiti Labs

(Feb'24-Present)

- Contributed to enhancing user experiences by crafting captivating login and careers pages that seamlessly blend design and functionality for **Maiti Labs**.

## KEY PROJECTS

### Password Manager | Course Project

(Oct'23-Nov'23)

Java | MIT Manipal

- Engineered a **robust password management** solution utilizing **MySQL** as the backend database, ensuring secure storage, organization, and retrieval of sensitive information.
- Applied **encryption methodologies** to ensure the confidentiality of stored passwords, exhibiting proficiency in **java.crypto** libraries and best security practices.
- Employed **JavaFX** to create an intuitive and user-friendly interface for seamless interaction with the password management system.

### Credit Risk Analysis | Course Project

(Oct'23-Nov'23)

Python | MIT Manipal

- Developed and trained a **regression model** as a tool for financial risk assessment, enabling accurate predictions of loan defaults, aiding institutions in risk management decisions.
- Demonstrated the practicality of logistic regression in financial risk assessment, emphasizing its interpretability and **82.58% accuracy** in predicting loan defaults.
- Implemented logistic regression for loan default prediction, leveraging essential libraries including **numpy, pandas and matplotlib** on essential parameters like income, home ownership, employment length, loan intent, grade, and amount.

## TECHNICAL SKILLS

Languages	C ,C++, Python, Java
Data Science Libs	NumPy, Pandas, Matplotlib
Development	HTML, CSS, Javascript

## POSITION OF RESPONSIBILITY

### Event Organizer | Chess Event | MIT Manipal

(November 2022)

- Organized the 1st MIT SPEED CHESS CHAMPIONSHIP successfully with the aim to provide a platform for chess players in the institute and attract new - comers to the game.
- We were covered by the biggest chess influencer in India - ChessBase India with over 100k+ followers on Instagram for organizing this Championship.

## EXTRACURRICULAR ACTIVITIES

- Crowned "**BEST MAHE CHESS PLAYER**" in the **16th Sri Narayana guru all India fide rated tournament** (2023)
- Represented **Kolkata chapter** for playing chess in **JITO National Games** (2018)
- Represented **MIT Manipal** in the **Inter MAHE Chess Championship** and secured **3<sup>rd</sup>** place (2023)
- Represented **Don Bosco School** in **CISCE Regional Basketball Games** and secured the **3<sup>rd</sup>** place (2019)
- Secured **3<sup>rd</sup>** place in an All India Consulting Case Study Competition, **Case Maze** amongst **494** teams (2023)