

Education

- 2022–present **Indraprastha Institute of Information Technology Delhi, India**
BTech, COMPUTER SCIENCE AND APPLIED MATHEMATICS
CGPA – 7.13 (up to Semester 3)
- 2022 **Indian School Al Wadi Al Kabir, Muscat, Oman**
CLASS XII, AISSCE CBSE
Percentage – 94%
- 2020 **Indian School Al Wadi Al Kabir, Muscat, Oman**
CLASS X, AISSE CBSE
Percentage – 95%

Skills

- Languages Python, C/C++, Java, HTML/CSS, JavaScript, MySQL, Bash/Shell, Latex
- Frameworks and Libraries Django, Bootstrap, React, Tkinter, Pygame, Matplotlib, Numpy
- Technologies Git, Google Colab, Postman API, JavaFX, JUnit, Figma, Canva
- Soft Skills Leadership, Problem-Solving, Communication, Critical Thinking, Reasoning

Skills and Competencies Document - Projects

- June'24 - **Merchandise Designer and Mockup Generator (Ongoing)**
Present Under Dr. Anuj Grover and The Dot Store
- Creating a web-based custom design mockup generator.
 - This tool will enable users to upload their designs and overlay them on various product mockups, such as t-shirts, mugs, and phone cases. Users can adjust, crop, resize, and add text to their designs.
 - The final mockup can be downloaded or shared directly from the platform.
- Apr'24 - **MealCraft**
- May'24 Tech Stack: HTML/CSS, JavaScript, Python-Django, Postman-API, Spoonacular API [\[Github\]](#)
- Developed a web application to display relevant recipes based on user inputs.
 - Incorporated features to dynamically adjust recipe suggestions based on available ingredients.
 - Implemented authentication and authorization mechanisms to secure user-specific data access.
- Nov'23 - **Stick Hero Game**
- Dec'23 Tech Stack: Java - OOPs, JavaFX, SceneBuilder [\[Github\]](#)
- Team Size - 2
- Implemented Stick Hero game application using OOPs principle
 - Game flow was illustrated using UML class (Unified Modelling Language) and Use Case diagram.
- Jan'23 - **CityRadar**
- Jan'23 Tech Stack: Python, Tkinter, Open Weather API, News API [\[Github\]](#)
- Team Size - 3
- Designed to provide weather and news information.
 - Displays the city name, current weather conditions, temperature, and wind information.
 - News display title, description, publication date, and content for each news article for the United States.
- Nov'23 - **Simple Multithreader**
- Nov'23 Tech Stack: C++ programming language, Bash [\[Github\]](#)
- Team Size - 2
- Implemented the parallelization of computations through multi-threading to measure the outputs execution times, enhanced using user-defined lambda function in specified ranges concurrently.
 - It includes functions for 1D(vector) and 2D(matrix) parallel loops, utilizing Pthreads.

Aug'23 - **Library Management System**

Aug'23 Tech Stack: Java - OOPs [\[Github\]](#)

- A Java-based application designed to manage books, members, and book borrowing in a library.
- It allows librarians to add and remove books, register and remove members, and view information about members, books, and fines.
- Members can use the system to view available books, borrow and return books, and pay fines.

Skills and Competencies Document - CourseWork

- Introduction to Programming (Python)
- Data Structures and Algorithms
- Advanced Programming (OOPs in Java)
- Algorithm Design and Analysis
- Theory of Computation
- Operating Systems
- Computer Organization
- Linear Algebra
- Probability and Statistics
- Discrete Structures
- Real Analysis - 1
- Abstract Algebra
- Basic Electronics
- Human Computers Interaction

Honors & Awards

- Academic Excellence Award for securing a position in top 10% students. (Grade 9, 10, 11, 12)
- Distinction Certificate in IMO and IEO (Mathematics and English Olympiad)
- Graduate of HLCA Space Camp, U.S. Space and Rocket Center, Huntsville, Alabama (2023)

Societies and Co-Curriculars

- ACM IIITD - Web Development and Events Team (2023 - present)
- Meraki IIITD - Core Member (2022 - present)
- Toastmasters Club - Core Member (2016 - 20)

- Student Senate Outreach Team (2024 - 2025)
- Events Lead - Ethics and Etiquette Committee (2024 - present)
- Event Organizer - Odyssey'24 x Meraki (Cultural Fest)
- Volunteer - Fork-It Hackathon conducted by ACM (2023)
- Organising Team - Astra'23 (Sports Fest)
- Organising Team - Esya'23 (Technical Fest)
- Community Volunteer, Charity for Cancer Patients, (2016 - 2020)