

Education

- 2022–present **IIIT Delhi, India**
BTech, COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE
CGPA – x.xx
- 2022 **ISWK, Muscat, Oman**
CLASS XII, AISSCE CBSE
Percentage – x%
- 2020 **ISWK, Muscat, Oman**
CLASS X, AISSE CBSE
Percentage – x%

Skills

- Languages Python, C/C++, Java, HTML/CSS, JavaScript, Prolog
- Libraries NumPy, Pandas, Matplotlib, Scikit-learn, NLTK, OpenCV, Sympy, Streamlit
- Technologies LangChain, Git, Google Colab, Linux, Flask, Bash Script, Postman, JavaFX, JUnit, LaTeX, ROS
- Soft Skills Leadership, Problem Solving, Critical Thinking, Communication, Outreach, Public Relations

Projects

1. Roamify (Ongoing)

Guide: Dr. Dhruv Kumar

Group Project by a team of 5

- Roamify is a web and mobile application designed to elevate the travel planning experience of travellers by effortlessly inputting their chosen destination and preferred dates, enabling the app to craft personalised itineraries for each day of their journey.

Tools & Technologies Used: Python, NLTK, LLM, Flutter, React.js, MongoDB, Git

[\[GitHub\]](#)

2. Movie Revenue Prediction

Group Project by a team of 2

- Movie Revenue Prediction is a machine learning model for predicting movie earnings based on diverse factors like genre, director, budget, and audience engagement metrics. By analyzing real data, it aims to uncover key predictors of box office success, helping filmmakers optimize production strategies for maximum profitability. The model's insights will guide decision-making in the film industry, enhancing revenue forecasting accuracy and audience satisfaction.

Tools & Technologies Used: Python, sk-learn, Pandas, Numpy, Matplotlib, Git

[\[GitHub\]](#) [\[arXiv Paper\]](#) [\[Academia Paper\]](#)

3. Sentiment Analysis Platform

Personal Project

- Sentiment Analysis Platform is a Flask-based web application that offers sentiment analysis functionality using the Natural Language Toolkit (NLTK) and TextBlob in Python. This application allows users to analyze the sentiment of input text, providing detailed insights into its positive, negative, neutral, and compound sentiment scores.

- Currently hosted at [\[Render\]](#)

Tools & Technologies Used: Python (Flask), NLTK, TextBlob, Chart.js, Bootstrap CSS, Render, Git

[\[GitHub\]](#)

4. Taste Of API

Group Project by a team of 4

- Taste of API is a user-centric app and website designed to offer a delightful culinary experience, allowing users to explore various cuisines and plan their meals based on specified calorie requirements.
Tools & Technologies Used: Python, Flutter, HTML/CSS, JavaScript, LangChain, Streamlit, RecipeDB API, FlavorDB API, Postman, Git
[\[GitHub\]](#)

5. CoinSavvy

Group Project by a team of 4

- CoinSavvy is a project focused on leveraging predictive modeling to forecast Bitcoin prices. The project explores two distinct models to enhance accuracy in predicting the future value of Bitcoin.
Tools & Technologies Used: Python, CryptoCompare, yfinance, ccxt APIs, Postman, Git
[\[GitHub\]](#)

6. BitCrypt

Group Project by a team of 3

- BiCrypt Password Manager is a secure and lightweight command-line password manager written in Python. It allows users to securely store, generate and manage their passwords.
Tools & Technologies Used: Python, cryptography, colorama, getpass4, sockets, bcrypt libraries, Git
[\[GitHub\]](#)

7. VikShell - Custom Linux Shell

Course Project for Operating Systems

- A custom Linux shell using custom commands: word, dir, date, ls, cd, help and mkdir along with command-line options. It provides functionalities such as word counting, directory creation, and retrieving file information.
Tools & Technologies Used: C, Makefile, Git
[\[GitHub\]](#)

8. Stick Hero Game

Course Project for Advanced Programming

- The Stick Hero is a simple JavaFX game where the player controls a character who extends a stick to cross platforms and avoid obstacles. The game features dynamic stick extension, character movement and cherry collection.
Tools & Technologies Used: Java, JavaFX, JUnit, Git
[\[GitHub\]](#)

Other Projects

- Memory Management System [\[GitHub\]](#)
- CityInsight [\[GitHub\]](#)
- Zoo Management System [\[GitHub\]](#)
- Custom Bash Script Calculator [\[GitHub\]](#)
- Course Grade Evaluation System [\[GitHub\]](#)
- Custom ISA Assembler and Simulator [\[GitHub\]](#)
- Scholar H Index App [\[GitHub\]](#)

Honors & Awards

- 100% Scholarship Holder for B.Tech - CSAI program in IIITD
- BYLD Software Club Coordinator at IIITD
- Student Council Batch Representative for AY 2023-24 for CSAI
- Trinity College London Certified, 8th Grade Keyboard
- English Core School Topper, AISCCE 12th Grade

Coursework

- Introduction to Programming (Python)
- Data Structures and Algorithms (C)
- Advanced Programming (OOPS in Java)
- Operating Systems
- Computer Organization
- Fundamentals of Database Management System
- Algorithm Design and Analysis
- Introduction to Intelligent Systems
- Statistical Machine Learning
- Linear Algebra
- Probability and Statistics
- Multivariate Calculus
- Differential Equations
- Discrete Structures
- Money and Banking
- Convex Optimization

Societies & Co-Curriculars

- Student Council, '23-'24
- Events Organizing Committee, Farewell Committee, '24
- Coordinator & Treasurer, BYLD, '23-'24
- Campus Coordinator, Coding Ninjas, IIIT-Delhi, '23-'24
- Senior Member, Clubs Committee, '23-'24
- Executive Committee Curator, TEDxIIITD, '24
- Secretary, Ethics and Etiquette Committee, Student Senate, '23-'24
- Student Senate Outreach Team, '23-'25
- Nexus Knights Esports Coordinator, Sports Council, '23
- Member, International Relations Council IIITD, '23-'24
- Member, OWASP IIITD, '23-'24
- Core Member, Toastmasters Club, '16
- Republic Day Organizer, '24
- Pitch Cafe Event Organizer, E-Summit'23
- GameJam Event Organiser, Esya'23
- Organising Team, Odyssey'23
- Organising Team, Astra'23
- Organising Team, RIISE'24
- Volunteer, RIISE'23
- Community Volunteer, Gandipet Welfare Society, '23
- Community Volunteer, Charity for Cancer Patient, '16-'20

Interests & Hobbies

- Open Source Development [\[GitHub\]](#) [\[WakaTime\]](#)
- Event Management: DevCall, DevHaven Night Hackathon, Pitch Cafe, Republic Day & GameJam Event Organizer
- Blog Writing [\[Dev\]](#)