

ABHINEET RAMAN

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Indian Institute of Technology, Madras



EDUCATION

PROGRAM	INSTITUTION	%/CGPA	COMPLETION
B.Sc.(H.) Computer Science	University of Delhi, Delhi	8.77	2023
BS in Programming and Data Science	Indian Institute of Technology, Madras	7.8	Pursuing
Class XII	CSKM Public School, Delhi	90.75	2020
Class X	Takshashila Vidyapith, Deoghar	90.60	2018

SCHOLASTIC ACHIEVEMENTS

- Ranked First in college department in 2022

PROJECTS

Ticket Booking — Online Movie Ticket Booking System(Course Project) Currently

- Implemented frontend designing and routing using JavaScript frameworks **Vue.js with Vuex state management**
- Implemented backend Python framework **Flask with SQLAlchemy, Redis for caching, and Celery** for task and message queue.
- Created Role based Login for admin and user, Book and Add show tickets respectively. Used **SQLite database** for data storage

Coupon Management System — Coupon Generation and management automation Dec 2022 – Jan 2023

- Implemented backend using Python framework **Flask with SQLAlchemy** with frontend using **HTML, CSS, Bootstrap**
- Created Login, Coupon Generation, redeem and Vendor system. Used **SQLite database** for data storage

Club Maintenance System —Online club management (Course Project) Jan 2022 - April 2022

- Collaborated in a team of 6.
- Implemented technologies like **React.js, MongoDB** for databases
- Created Club info. And joining system, Photo gallery for events, Event registration and event creation using key, and report generation for event.

Kanban Application — Timeline and To-do Task system (Course Project) May 2022 – July 2022

- Developed a web app which allows users to create, delete , change tasks and its list of jobs with its timeline, A summary page for displaying summary of tasks he has completed using graph technology using **Matplotlib**.
- Created login and signup page & Used **SQLite** database for data storage, **Flask** for backend .

POSITIONS OF RESPONSIBILITY

School Captain in Class XII July 2019 - March 2020

- Collaborated with the team to organize different cultural and educational events.

Coordinator in Chess - Interface'22 February 2022

- Collaborated with the team to organize different cultural and educational events.

RELEVANT COURSEWORK

- Data Structures and Algorithms, Object Oriented Programming, Foundations of Computer System Design, Probability and Graph Theory, Machine Learning*

SKILLS

- **Language** - Python, C++, Java, JavaScript
- **Libraries** - NumPy, Flask, Celery, SQLAlchemy, Matplotlib, Scikit-learn
- **Databases** – MySQL, Postgres, SQLite
- **Web** – HTML, CSS, Bootstrap
- **Software** - Android Studio, Git, Linux,

EXTRA-CURRICULAR ACTIVITIES

- Participated in Hackathon at CIC in 2023
- Secured 1st position and second position respectively in Chess and Basketball Zonal Competition in 2018 and 2019.
- Participated in National Poetry competition in 2021