

# PRATHAM SARAF

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## OBJECTIVE

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## EDUCATION

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### Indian Institute of Information Technology

BTech Computer Science

Bhopal

December 2021 - Present

#### Relevant Coursework

- CS50's Introduction to Programming with Python [↗](#)
- Machine Learning Specialization by DeepLearning.ai [↗](#)
- IBM Data Science Professional Certificate [↗](#)
- Object Oriented Programming
- Advanced Engineering Maths
- Discrete Structures
- Object Oriented Programming

## POSITION OF RESPONSIBILITY

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### GNU/Linux Users Club

Core Team Member

IIIT Bhopal

August 2022 - Present

- Using Arch Linux as my main distribution but I also have experience most Debian Based( Ubuntu), Fedora and Arch based Distributions
- Guiding batch mates to install and use Linux distributions comfortably. Also in-charge of troubleshooting problems for them.

## PROJECTS

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### Books recommendation system

Github link for project [↗](#)

May 2022 - Present

- Manages user-registration using **Mongo-DB**
- The data consisted of **2.36M books with 29 features each and 229M user interaction with 4 features.**
- Used **tf-idf vector** for document searching
- Used cosine similarities to recommend top 10 books. Front end is developed using *Flask*

### Tic-Tac-Toe

Github link for project [↗](#)

May 2022 - Present

- The computer uses **Mini - Max Algorithm** to decide its move
- The front end is developed using **Tkinter in Python.**

## SKILLS

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Programming Languages:	Python, C++ ,C, R,
Platforms:	GitHub (with Github Actions), GitLab, Git
Database Management Systems:	MySQL , PostgreSQL, Mongo-DB
Web Development:	HTML , CSS (Bootstrap and Tailwind) , JavaScript
Libraries / Frameworks:	Flask , Django, FastAPI
Soft Skills:	Leadership, Communication Skills, Organised
Languges:	German , English

## ACHIEVEMENTS

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### Runner Up

*certificate*

### HACK WITH GDSC IIITB: HACKATHON Google Developer Student Club

Won second prize in Intra IIIT development contest conducted by GDSC IIIT Bhopal for creating a password manager.

*Skills Used: Python, MySQL, Encryption Methods (MD5Sum)*

Aug 2022