

PRAKHAR SINGH

Thapar Institute Of Engineering & Technology

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EDUCATION

B.E. in Computer Engineering

Thapar Institute of Engineering & Technology

Jul 2018 – Present Patiala, India

CGPA - 8.53

12th (CBSE)

Cambridge School Noida

May 2018 Noida, India

Aggregate - 88.6%

EXPERIENCE

Student Developer

Nava Nalanda Central Library

Aug 2019 – Dec 2019 Patiala, India

- Developed a full fledged slot and room booking system.
- MySQL database. Web app includes functionalities like group management, time/date based booking, admin panel, booking status, check in-out, mail notifications, etc.

Student Developer

CSED Department

Mar 2019 – May 2019 Patiala, India

- Developed a web app to manage registrations for Open Day for various departments on campus.
- Developed a web page, displaying stats about students & faculty with various graphs/charts with filters.

POSITION OF RESPONSIBILITY

Joint Secretary

Creative Computing Society

Apr 2020 - Present Patiala, India

- Co-Leading the oldest and the most sought after technical society of TIET with a team of 200+ students.

Head Of Designing | Member Of Core Team

Creative Computing Society

Apr 2019 - Apr 2020 Patiala, India

- Managing and supervising a team to design posters, event goodies and social media handles for the society.

President Infotech Club

Cambridge School Noida

Apr 2016 - Apr 2018 Noida, India

- Organizing & Managing the annual TechFest for the school.
- Promoting a technical culture & helping students in various technological fields.

SKILLS

- Proficient:** C++, PHP, HTML, CSS, AJAX, Bootstrap
- Advanced:** JQuery, SQL, Python, Premiere Pro, IoT, Illustrator, After Effects
- Familiar:** Git, Apache, Nginx, Flask, Web Automation, Machine Learning, Web Scraping, Photoshop, Routing & Switching

PROJECTS

Societo-Culture

- Build a PHP based web-portal with MySQL for managing dashboards for all societies/clubs in Thapar University.
- It incorporated many features like managing notifications/publications/finance and a lot more individually for each society.

AQI-Management-System

- An IoT model for LIVE Air Quality Index (AQI) Data collection, analysis and visualisation. The flask based web portal collected data from arduino and visualized it using charts and maps.
- This project was presented in the Smart India Hackathon 2019.

e-Portal Finance Department

- A web portal for online form submissions and administration for a college to make the process of managing finances easier and robust.

IoT Based Room Automation

- A Raspberry Pi based project which automates a room and gives control to the user over the internet with the help of a flask web portal. The setup is modular so new sensors and appliances can be added easily.

ACHIEVEMENTS

4th Position
HackOwasp 2020

4th Position
Startup Punjab Hackathon 2019

Special Mention
Makeathon 2019