

GAGAN SHARMA

Sophomore, India Institute Of Technology Roorkee

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EDUCATION

Indian Institute of Technology Roorkee

📅 July 2019 - Present

- Computer Science and Engineering
- **CGPA - 9.273/10**

Modern Public School, New Delhi

📅 April 2015 - March 2019

- Sr. Secondary Education, Central Board of Secondary Education (CBSE)
- **Class XII Percentage - 92%**
- **Class X CGPA - 10/10**

WORK EXPERIENCE

Project Associate at Information Management Group, IIT Roorkee

📅 January 2020 - Present

- IMG is a group of students that constantly strive to lead in the innovation, development and maintenance of advanced information technologies including computer systems, software and database systems

SDE Intern at Airblack

📅 March 2021 - May 2021

Worked in a professional environment to develop premium features of Airblack's website.

Skills I acquired during the internship : MongoDB, Express JS, AWS, Retool

Tech Stack I worked on : Bit, Express JS, MongoDB, ReactJS, Redux-Saga, Branch.io (deep links).

Projects I worked on :

- Whatsapp Notification
- Events and Analytics
- Rebuild Checkout and Payment Link Generation system
- Intercom Integration
- Enhancement and addition of Website features

SKILLS

Web : JavaScript, ReactJS, Redux, Django, Django REST, Django Channels, Websockets, SQL, HTML, CSS, Express JS, MongoDB, Next JS, Semantic-UI, Material-UI

Programming Languages : Python, JavaScript, C++, Java, PHP

Software Tools : Docker, CronJobs, VS Code, Postman, Jupyter, Git, Linux shell utilities, Vim, Pandas, NumPy, Matplotlib, Seaborn

Soft Skills : Communication, Team-Work, Flexible, Leadership, Friendly, Work Ethics, Motivated and Passionate

PROJECTS

- **Omniport-Setup-CLI** : A JS based cli developed to ease the process of setting up Omniport. Currently published as npm package.
NPM - <https://www.npmjs.com/package/@imgiitr/omniport-setup-cli>
Github - <https://github.com/gagansh7171/omniport-setup-cli>
- **Bug Track** : A bug tracking system developed as a summer project assignment of IMG.
Github - <https://github.com/gagansh7171/BugTrack>
- **IITR Database** : A winter project for maintaining all the course related materials for IITR students. Successful Submission for interview round of IMG recruitment. Tech stack used are PHP, HTML and CSS. MySQL for database management.
Github - https://github.com/gagansh7171/IITR_database
- **Chatter Box** : Chat Application for practice purposes. Tech Stacks used are PHP, HTML and CSS. MySQL is used for database management.
Github - <https://github.com/gagansh7171/Chatter-Box>
- **Tic Tac Toe** : A JavaScript based game. Play Tic-Tac-Toe against AI.
Github - <https://github.com/gagansh7171/js-game>
- **Alien Invasion** : A Python based game. Used PyGame library to render graphics. Based upon the book "Python Crash Course".
Github - <https://github.com/gagansh7171/alien>
- **ECO STUDY** : A HTML-CSS based website listing flora found in IIT Roorkee. My early attempts at practicing frontend development.
Github - <https://gagansh7171.github.io/EVS/light/index.html>
- **ML Attempts** : This Project is created with the intent to collect my attempts on various machine learning problems.
Github - <https://github.com/gagansh7171/ML-attempts>

Scholastic Achievements

- **JEE Advanced 2019**
AIR - 303
Ranked in top 0.18 percentile in the JEE Advanced.
- **JEE MAINS 2019**
AIR - 206
Ranked in top 0.02 percentile in JEE MAINS
- **KVPY SA 2018**
AIR - 198
Ranked 198 among 50K participants conducted by Department of Science and Technology, Government of India
- **NTSE 2017**
Scholar
Was selected among the top 775 students from about 1 million participants for a scholarship funded by NCERT.
- **SOMT 2017**

Delhi State Rank 1

Got 1st rank in SOMT 2017 among 15,300 participants from all over Delhi.

- **NSEs**

National Top 1% NSEA, NSEP, NSEC 2018. Cleared NSEP, NSEC.

State Top 1% NSEA 2017. Cleared NSEA.

- **FTRE 2016**

National Rank 125

Conducted by FIITJEE in more than 60 cities across the country.

- **JSTSE 2016**

Delhi State Rank 104

Among 22082 students conducted by Directorate of Education Delhi.

- **PicoCTF 2021**

Global Rank 466

Among 6215 participants worldwide. Participated as a member of team SecretSix.