



Rithik Sachdev
Course: B.Tech, Computer Science
Email: rithiksachdev3@gmail.com
LinkedIn: <https://www.linkedin.com/in/rithik-sachdev>
Contact: +91 9111112805



ACADEMIC DETAILS

COURSE	SPECIALISATION	YEAR	INSTITUTE	BOARD	PERCENTAGE / CGPA
B.Tech	Computer Science	2021	Shri Govindram Seksaria Institute of Technology and Science, Indore	RGPV	7.65
XII	Science	2016	Delhi Public School, Indore	CBSE	88.4%
X	General	2014	Delhi Public School, Indore	CBSE	91.2%

Electives Completed Data Structures, Database Management System, Machine Learning, Cloud Computing, Data Science, Soft Computing
Technical Proficiency Node JS, SQL, Java, Spring Boot(Basics), Python, Microsoft Excel, React JS, HTML, CSS
Software Skills Visual Studio Code, Anaconda, Jira, Google Cloud, AWS, Postman, Adobe XD

WORK EXPERIENCE

Software Engineering Intern – Aaiway India, aaiway.com

January 2020 – July 2020

- Developed a web scraping tool using python to scrape 20,000 house listings from different websites.
- Collected data using the twint web scraping tool and performed sentiment analysis with the help of StanfordNLP.
- Worked on the back-end of the system using Node.js to integrate Google Maps API and develop micro-services for sentiment analysis.
- Created a chatbot using Google Speech to Text API, Google Dialogflow, and socket.io to collect customer information interactively.

ACADEMIC PROJECTS

Detection of DDoS attacks using Machine Learning

August 2020 – May 2021

- Developed a machine learning model to classify DDoS attacks and benign traffic and compared the results using different learning algorithms.
- Performed feature selection using Random Forest algorithm with an accuracy of 99.94%.
- Trained the model using different algorithms and achieved a maximum accuracy of 99.92% and F1-score of 100%, using the AdaBoost learning algorithm.

Covid-19 Help API

May 2020 - July 2020

- Developed an API for combating the coronavirus pandemic that creates SQL queries and graphical representations from NLP queries on the COVID19 dataset.
- The API has an accuracy of 84% and generates a PDF explaining the safety precautions with the help of diagrams and graphs.

Vote for India Website

January 2019 - May 2019

- Designed a website that displays the previous election results in the form of a geographical map with the election memorandum of parties, the top 10 trending news, and helps citizens learn about politics.

POSITIONS OF RESPONSIBILITY

Overall Coordinator, Entrepreneurship-Cell SGSITS

May 2020 – May 2021

- Lead a team of 55 members to encourage entrepreneurship spirit among young enthusiasts.
- Organized E-Summit 2021 featuring 10 Speaker Session, 3 Workshops, Content Creation Conclave, Get Funded providing Rs. 500k+ in funding for start-ups, Ideascap providing Rs. 300k+ worth of Incubation, and Rs. 150k+ in sponsorship.

Head of External Affairs and Web Development Lead, Entrepreneurship-Cell SGSITS

May 2019 – May 2020

- Responsible for devising and implementing communications plans that help deliver the organization's strategy and build sponsorship ties, generating Rs. 90k worth of funds from sponsorship ties.
- Lead a team of 8 members to develop the website – www.ecellsgsits.com

CONFERENCES AND WORKSHOPS

Agile Methodologies - Organized By: Mr. Raj Vatnani, Sr. Project Manager - Worldpay and CIDI SGSITS

October 2019

- Learned Agile software development methodology and worked on a project in a team of seven students, using agile techniques.
- Performed the role of front-end developer and scrum-master, for two weeks during the workshop.

ACHIEVEMENTS

- Secured second runners-up position in Virtual Imagine Hackathon organized by Principal Global Services.
- Secured second runners-up position in a state-level Hackathon - HackIndore 2.0.

July 2020

August 2019

VOLUNTEER EXPERIENCE

Art for Charity – Role: Head of Operations | Cause: Art and charity

July 2020 - Present

- Contributed to organizing the auction events, milk distribution drives, and timely deposit of funds to NGOs.