

# Saksham Kumar



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## Summary

I am a passion-driven student, currently pursuing Dual Degrees from IIT- Madras and Amrita Vishwa Vidyapeetham, of BS(Data Science and Applications) and BTech(Computer Science and Engineering with a specialization in AI) respectively. I received cum laude from Delhi Public School, Ranchi(2021) and summa cum laude from Bishop Westcott Boys' School(2019), where I have participated and won in various English, General Knowledge, Computer Olympiads and Competitions.

At the age of 18, I was offered admission at Yale University, Connecticut, United States for their Bachelor's program.

Throughout my academic journey, I have worked out my skills in Penetration Testing, Web Development and Coding Competitions. I am always eager to lead my team to give their best to accomplish a task.

I am interested in the Penetration Testing and Machine Learning domain and looking forward to a research-oriented career in AI-FinTech prospects. Hobbies include guitar, quizzing and exploration.

I co-founded Technity Club at Amrita Vishwa Vidyapeetham, Amaravati Campus, and am currently leading the club.

## Experience

### Chairperson

IEEE

May 2023 - Present (1 month)

He is currently the Interim Chairperson for the IEEE Student Branch of Amrita Vishwa Vidyapeetham - Amaravati Campus. He was involved in establishing this Branch at the Campus as well.



### Co-Founder

Technity

Nov 2022 - Present (7 months)

Technity@Amrita is the first Technical Club at Amrita Vishwa Vidyapeetham, Amaravati Campus.

## Education



### Indian Institute of Technology, Madras

Bachelor of Science - BS, Programming And Applications

Sep 2022 - Sep 2026



### Amrita Vishwa Vidyapeetham

Bachelor of Technology - BTech, Computer Science and Engineering (Artificial Intelligence)

Oct 2022 - Oct 2026



### **Bishop Westcott Boys' School, Ranchi**

SSC, High School

Jun 2009 - Mar 2019

Graduated Summa Cum Laude in SSC.

Regional English Spelling and Computer Science Competitor.

Been active in multiple Quizzes, Elocution, and Debate Competitions.



### **Delhi Public School, Ranchi**

HSC, Senior Secondary School

Jun 2019 - Jul 2021

Graduated Cum Laude in HSC.

As a member of the academic cell, I was responsible for the planning of the annual curriculum and student redressal.

Worked on Arduino UNO Controller and CNC Shields for making a Pen Vector Plotter. Made a Library Management System using Django.

## **Licenses & Certifications**



### **Ethical Hacking Basics - Z Security - Udemy**

UC-da793be8-5c22-43a8-8182-2c8ea4fbc290



### **Tensorflow For Deep Learning - Udacity**



### **CS50 - Harvard University**



### **Introduction to Machine Learning and Deep Learning - Kaggle**



### **CS50 for Artificial Intelligence - Harvard University**

## **Skills**

C (Programming Language) • Competitive Coding • Team Management • Data Science • Java • Python (Programming Language) • Artificial Intelligence (AI) • Web Development • PL/SQL • MATLAB