

# Yashasvi Sinha

B.Tech – Metallurgical and Materials Engineering  
Minor – Economics  
**National Institute of Technology**  
Tiruchirappalli, India

Date of Birth: 12/03/1998  
Gender: Male  
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## Educational Qualifications:

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2017-Present	B.Tech-MME	NIT, Trichy	8.34/10
2016	Class XII	DAV PUBLIC SCHOOL, CBSE, PATNA	90.4%
2014	Class X	DAV PUBLIC SCHOOL, CBSE, PATNA	85.5%

## Academic Achievements:

- Recipient of **Student Aid Merit Scholarship**, given to the top 1% students of the Institute (March 2021)
- Recipient of **RECAL Scholarship 2019, 2020** out of 400+ applicants, NIT Trichy. (Feb 2019, 20)
- Secured Global Rank **148**, in Codechef's March Long Challenge 2021 (March 2021)
- Secured Global Rank **302**, in Codechef's October Long Challenge 2020 (Oct 2020)
- Secured Global Rank **357**, in Codechef's September Long Challenge 2020 (Sep 2020)
- Secured Global Rank **826**, in Codechef's April Long Challenge 2020 (April 2020)
- **5 stars** in Problem Solving and C++
- **4 star coder** on Codechef
- **UCMAS'08**, State rank **4** title holder (KA)

## Work Experience:

### Freelance Android Application Developer (Flutter):

(June 2020 – Present)

- Developed the working prototype of **Sangam**, a matrimony based startup. Frontend was developed with Flutter and the backend using Firebase.
- Developed the frontend of Furvis, a home services based startup.

### Open Source Developer, GirlScript Summer of Code 2020:

(Feb 2020 – Jun 2020)

- Worked on the frontend aspects of **Water Monitor System**: An Open Source IOT based Liquid Level Monitoring system that has mechanisms to keep the user alerted in case of liquid overflow or when tank depletes
- C++ Contributor, **Algos and DS Notebook**: An Open source notebook that contains all the famous Data Structures and Algorithms questions solved in multiple programming languages

**JavaScript Mentor, Educational Outreach Program, GirlScript Foundation:** (Apr 2020 – May 2020)

- Taught Fundamentals of Web Development and JavaScript in the course - **Getting started with Web Development**

**Winter Internship at BoxBoy:** A Patna based professional tiffin service company.

**Patna – Data Analyst** (Dec 2018 - Jan 2019)

- Surveyed the population of Patna and analyzed the pattern of Supply and Demand of product. Used multivariable regression model to build Supply vs Demand parameters for Data Visualization in Jupyter Notebook.
- Analyzed the customer behavior and provided betterment solutions on the parameters, in **an open meeting**.
- Prepared a final report on the growth of the company post implementation of the solutions.

Programming Experience : C/C++, Python, JavaScript, HTML, CSS, Git, Dart, Python, SQL

Engineering Software : Pycharm, Jupyter Notebook, Visual Studio Code

## Projects and Extra-Curriculars:

### Projects:

- **Recipe Web Application:** Build a Recipe Application on React.JS, that fetches Recipe data from a free API source and displays on the website along with a dynamic search option.
- **COVID-19 Tracking Website:** A website that shows the status of the global pandemic – COVID-19.
- **Plagiarism Detector:** Machine Learning backend based Web Application project which detects the percentage of plagiarised content among two documents.
- **Expense Tracker:** A light expense tracking application built on HTML/CSS/JS that keeps a track and displays the total expense of all the items.

### Social Activities:

- **Organizer, Ethnic Night 2018**, an event conducted by AIESEC in NIT Trichy to raise funds for NGOs.
- **Organizer, Bal Kalakar 2019**, a social event with a participation of 100+ students that were taken to an NGO in Trichy, where an awareness of education was created among the less privileged.
- Member, **National Social Service Scheme**, NIT Trichy.

### Positions of Responsibility:

**Operations and International Relations Manager, AIESEC in NIT Trichy:** (Jan 2018 – Apr 2019)

Responsible for contacting and bringing projects to AIESEC in NIT Trichy from other entities of AIESEC all around the world and sending interested students for the projects, in parallel being responsible for the students from the host side.

**Manager, Media Relations Team, Festember:**

(Mar 2018 – Apr 2018)

Contacting, negotiating, and associating with Online Media Companies along with managing the responsibility of media reach, online and offline of Festember, the annual cultural festival of NIT Trichy.

### Sport Activities:

Represented my district in **U-15 and U-17 level Athletics** – Mumbai, Maharashtra