

Resume

Aashray Raj Mathur

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Education

School/College	Year	Board	CGPA
Swami Vivekananda Institute of Technology, Secunderabad.	Pursuing 3 rd year Expected 2021	B. Tech (CSE)	In progress
Sri Chaitanya Junior College, S.R Nagar.	2017	Board of Intermediate Education	8.5
Bharatiya Vidya Bhavan's Public School, Jubilee hills.	2015	CBSE	7.6

Technical Skills

Internet of Things, Robotics, Application Testing, Android Development.

Database Management- MySQL (Basics)

Areas of Interest- Robotics, Drone Engineering, Medical Device Engineering.

Coursera Certifications

- Building Arduino robots and devices
- Internet History, Technology, and Security

Internship

BellNexx Technologies and Solutions (June 2019-Aug 2019)

- Concepts Learned- Android App Development and Software Testing.

Projects

Project Name	Year	Description	Honour & Award
Automated Home Security Alarm	2014	An Automated Security Alarm which can beep to prevent unauthorized entry.	2 nd Prize GLEE'14 at ST. Francis College.
Robolance	2016	A bot that can be used to pick/drop balls. (As per the given task.)	2 nd Prize Connaissance 2k16 at JNTUH.
Escalade Prelims	2017	A bot that can pick up/drop blocks and can pass through various obstacles. (As per given task.)	1 st prize Techniche'17 IIT Guwahati at JNTUH.
Smoke Detector Drone	2019	A prototype of a drone that can sense smoke and warn through an alarm.	1 st Prize Tech Blitz 2k19 at SVIT.
Reusable Launch Rocket	2019	A model of the first stage of a rocket that can be reused multiple times.	2 nd Prize Aliens Fest 4.0 at Gitam Hyderabad.
Drone Sanitizer	2020	A model of a drone can spray disinfectant over large facilities.	Aspire 2020 at SVIT. (Results yet to announce)
Covid-19 Diagnostic System	2020	A machine that can detect the likelihood of any known respiratory disease like Covid-19 (i.e. pneumonia).	Approved by <u>Telangana State Council of Science and Technology</u> .

Participation Awards

- Cozmo Clench Technorion (2018) at IIT Bombay.
- Robo-Pirates ELAN & nvision (2018) at IIT Hyderabad.

Spoken Languages

English, Hindi

Extra Curriculars: Space tech and robotics geek, surfing the internet, handcrafting paper rockets, cleaning and maintain hygiene.