TAMMINENI GOKUL NANDAN

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OBJECTIVE:

I am aspiring to pursue a Master's degree in Advance data Analytics to acquire the requisite technical aptitude to work in the field of the data Analyst. After graduation, I wish to work as a Data Analyst in an organization like Google, where I can leverage my technical skills and leadership qualities. My long-term goal is to start a business enterprise .

EDUCATION:

Institute of Aeronautical Engineering, Hyderabad, India, Affiliated to JNTU.   2018-Present
Bachelor's Degree in Aeronautical Engineering   CGPA: 6.48/10.0

TEAM-BASED COURSEWORK:
CFD of an HVAC to simulate the heating load and calculate the HVAC capacity for a vertical farm, IARE   September 2021-Present
- Working in a team of 3 and developing a model to simulate the heating load of HVAC for a vertical farm and analyze the system using CFD tool.

INDEPENDENT PROJECTS:
Structural optimization and Numerical investigation of supersonic nozzles, Noobtron.
                                                                August - October 2021
- Structurally optimized the supersonic nozzle and analyzed the flow behavior in them using 3D modeling and ANSYS.

Experimental and CFD analysis of Co-axial jet, Noobtron.   July- September 2021
- Was part of a 6-membered team that researched on coaxial jets and published a paper in the TURCOMAT journal.
- Analyzed and compared co-axial jet nozzles flow characteristics to determine the velocity and pressure distribution.

INTERNSHIPS:
- **Aerohawks CAE Services**, Siddipet, Telangana   August 2021- Present
- **R&D Associate Intern**, Noobtron, Chennai   August - October 2021

TECHNICAL CERTIFICATIONS/PAPER PUBLICATIONS:
- Scientific Stay certificate, Noobtron,October-2021
- Published a Research paper in Turkish Journal of Computer and Mathematics Education (Scopus indexed),September-2021
- Received certification in AutoCAD and CATIA, CAD DESK,August-2021
- Certification in 'Spy and android controlled robotics', Aayakar 2019 national level championship IIT Bombay.

LEADERSHIP SKILLS:
- Led a team of 4 in research work of Experimental and CFD analysis of Co-axial jet in my internship at Noobtron PVT ltd in August 2021.

TECHNICAL SKILLS:
- Software - Python, MATLAB, CATIA, ANSYS, AUTOCAD.

- Hardware – Aeromodelling, Arduino.

ACHIEVEMENTS AND ACTIVITIES:
- I was sponsored by the Government of Telangana to complete my undergraduate studies.
- Secured first place in the Regional Science Forum Competition, IARENovember-2018

EXTRACURRICULAR ACTIVITIES:
- Participated in a seminar series for three days on "Vehicle Aerodynamics and Heat Transfer", Vel tech R&D institute of science and technology, Chennai,June-2021
- Volunteered at the covid-19 helpline
- Runner-up in college level cricket tournament,2019