

SYED MOHAMMAD ALTHAF

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CAREER OBJECTIVE

To be involved with a forward-thinking corporation that promotes my professional and personal growth, while nurturing a team environment that propels the organization's success, as well as the field as a whole through inventive research and real-world implementation. As I pursue an intellectually stimulating academic path and aspire to hold a position that is challenging yet fulfilling, I hope to find an environment that fosters progress and development.

ACADEMIC DETAILS

Degree	College	Year	Score
Mechanical Engineering (B. Tech)	RVR & JC College of Engineering, Guntur	2020-2024	CGPA – 9.17
Intermediate (BIEAP)	Sri Chaitanya Junior College Vyas Bhavan, Tenali	2018-2020	90.5% (CGPA - 9.40)
10 th (SSC)	Dr KKR Gowtham School, Tenali	2017-2018	GPA – 9.7

TECHNICAL SKILLS

- **Mechanical Design & Simulation Software**
 - a) AUTOCAD (Proficient).
 - b) CATIA V5 (Intermediate)
 - c) Ansys 17.0 (proficient)
 - d) CAM (Proficient)
 - e) MATLAB – MathWorks (Intermediate)

f) PLC (Beginner)

- **Programming Language**

a) C-Programming, Python, Data Structures and Algorithms, and RDBMS.

INDUSTRIAL VISITS

- Visited industries around Guntur like “**APHMEL** – Andhra Pradesh Heavy Machinery and Engineering Limited, **Kumar Pumps, Sangam Dairy**”.
- Also visited industries around Visakhapatnam like “**vizag steel plant, Andhra sugars**, etc.

CO-CURRICULAR ACTIVITIES

- Completed certification course in “**Rapid Manufacturing**” from NPTEL organized by **Indian Institute of Technology, Kanpur**.
- Completed certification course in “**Introduction to Internet of Things**” from NPTEL organized by **Indian Institute of Technology, Kharagpur**.

INTERNSHIP

- Completed Internship in **SOUTH CENTRAL RAILWAY** (Manufacturing of trains and RRI Systems) in **VIJAYAWADA** from 09-05-2022 to 09-06-2022.
- Completed Internship in Programming with Python in **INTERNSHALA** from 11-04-2023 to 10-06-2023.

QUALIFYING EXAMINATIONS

- GRE: 322 (verbal: 159, quant: 163, and AWA: 3.0)
- Duolingo English Test: 140

BACHELOR PROJECT PROFILE

As the team leader, I am currently working on my bachelor's project, "**Design and Fabrication of Multipurpose Agricultural Robots**". Agriculture has been the backbone of the economy and it will continue to remain. Generally, cultivation of any crop involves various steps like ploughing, harvesting, sowing, and irrigation.

This multi-purpose agro machine is a wireless remotely operated, designed and fabricated as a multipurpose equipment which is used for agricultural processes like ploughing, sowing seeds and sprinkling water. This machine works in both directions when it is pushed forward it ploughs

the field with the help of plough. The height of the plough can be adjusted, with the help of screw arrangement and the seed feeder is mounted directly to the motor.

Areas of Interest

- Mechatronics
- CNC Programming
- Robotics

PERSONAL DETAILS

- Date of Birth : 1st JANUARY, 2003.
- Gender : Male.
- Father's name : SYED BAJI.
- Mother's name : SYED RESHMA PERVIN.
- Hobbies : Cycling, Playing cricket, and singing songs.
- Language Proficiency : English, Telugu, Hindi, Urdu.

Place: Tenali (India).

(Syed Mohammad Althaf)