

# RESUME

**NAME : KONAPALA VIMATH KUMAR**

Mechanical Engineering  
Rajiv Gandhi University of  
Knowledge Technologies, Srikakulam.

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## Career Objective :

To make my career as a Engineer in a reputed IT/ITES organization, being a Mechanical Engineer & skilled with various knowledge, would like to enhance my skills and knowledge along with the contribution to the growth of the organization.

## Academic Background:

Course	Institution	Board/ University	Year	CGPA
(Bachelor of Technology) Mechanical Engineering	RGUKT(IIIT) SRIKAKULAM	RGUKT(IIIT)	2022	8.37
Pre University Course	RGUKT(IIIT), SRIKAKULAM	RGUKT(IIIT)	2018	8.9
Secondary School	A.P.MODEL SCHOOL, TAMADA	Board of Secondary Education,AP.	2016	9.7

## Skills :

- Operating System : Windows
- Programming : python(advanced), C++, java(basic), sql
- Libraries : Numpy, Pandas, Matplotlib, Webscraping(bs4)
- Web technology : Html, Css ,Git, Github, Ms Office
- Database Software : My Sql
- Webframeworks : Power Bi, Django (basics)
- Soft Skills : Teamwork, Communication, Problem Solving ,Time management.

## Strengths:

- Good Leadership Qualities.
- Zeal to Learn & quick learner.
- Optimistic, Self-Motivated.

### Courses Undertaken : (Other than Academics)

- Workshop on AUTO CAD
- Introduction to 3D Printing and Design in Engineering Applications
- Hybrid Vehicle Design and Dynamics
- Intermediate python

### Internship :

SHELLS AND PRODUCTION IN BHEL(**BHARAT HEAVY ELECTRICALS LIMITED**), VISHAKAPATNAM.

I have done a report on the manufacturing processes and automated machines used in making the boiler shells(product).

### Mini Projects and Research :

- DESIGN AND ANALYSIS OF A PISTON HEAD
- MODELLING OF HELICAL COIL HEAT EXCHANGER
- SUPERMARKET BILL GENERATION (USING PYTHON)
- BANK MANAGEMENT SYSTEM (USING PYTHON)

### Major Project :

Analysis of Rail joints in vertical loads.

(This project deals with different configured rail joints in a vertical load. The analysis is observed for three possible positions of the rail joints mainly, rail joint between the two sleepers (suspended rail joint), rail joint near to one of the sleepers, and rail joint exactly on the sleeper (supported rail joint). The 3D modeling of the bolted rail joint, was modeled in SOLIDWORKS 2019 and the analysis in ANSYS V 19.2)

### Extra-Curricular Activities:

- Attended Group Discussions with various Departments.
- Participated in Technical quizzes conducted by various institutions.

### Interest/Hobbies:

- Watching Cricket, Reading news, Listening Music, Gaming& Drawing

### Personal Profile:

FATHER'S NAME	:	Mr. Govinda
DATE OF BIRTH	:	13/05/2001
GENDER	:	Male
LANGUAGES KNOWN	:	<b>Fluent</b> in English, Telugu.
PERMANENT ADDRESS	:	D.No: 4-24, Pedha street, laveru(village,mandal) , srikakulam dist , PIN : 532407

### Declaration:

I, hereby declare that the above information furnished is true to the best of my knowledge and belief.

Place : **Srikakulam**

Date : 23-02-2023

(**KONAPALA VIMATH KUMAR**)