**RESUME**

**Recent Graduate in Mechanical Engineering**

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**ROKKAM**

**Email :** [**rokkam.379902@2freemail.com**](mailto:rokkam.379902@2freemail.com)

**Visa Type : Visit Visa**

**Career Objective:**

* Seeking the role of Mechanical Engineer where I would be given an opportunity to utilize the theoretical skills, sense of responsibility and efficiency to help the organization grow

**Professional Qualification:** From 08/2013 to 05/2017

* Bachelor of Tech. in **Mechanical Engineering** from **Lovely Professional University**, Phagwara, Punjab
* Coursework included Welding Technology, IC Engines, Thermodynamics, Power Plant Engineering, Automobile Technology, Refrigeration and Air conditioning, etc.
* Cumulative G.P.A: 7.06

**Academic Qualification:**

* Completed Sr. Secondary Examination in Non Medical domain with Maths, Physics & Chemistry, BIE Board, from 2011 to 2013 with 86.3% in Rajahmundry, Andhra Pradesh
* Completed Secondary Examination, SSC Board, Rajahmundry in 2011 with 88.8%

**Technical Proficiencies:**

* Educated in CREO for Industrial design and ZWCAD for 2D Designing
* Worked on ANSYS Fluent for CFD analysis of mixed refrigerants
* Worked on Lathe, CNC(Vertical Milling), Resistance welding, TIG/MIG Welding

**Research:**

* University : **Lovely Professional University**
* Paper :
* CFD Analysis on mixed Refrigerants of R-134 and R-600a with variable compositions for Industrial cooling purposes
* Heat Transfer of Refrigerant mixture is computationally calculated for various compositions of mixed refrigerants at different Mass Flow Rates from 0.05 to 0.1

**List of Publications:**

* “Computational Evaluation of Pressure Drop and Heat Transfer for a Mixed Refrigerant used for Industrial Applications”.
* Accepted for Publication “International Journal of Control Theory and Applications”, in May 2017.

**Projects Undertaken:**

* University : **Lovely Professional University**
* Title : INTERNATIONAL GO-KART CHAMPIONSHIP
* Description:
* Designed a Go-Kart, which is powered by a 125CC bike engine that can move at 50kmph carrying weight of 100kgs.
* Assisted the manufacturing process with a 10 members team

**Internship:**

* Organization : **GVK Power Plant Energy Limited, Andhra Pradesh, India**
* Time Period : 06-2016 to 07-2016
* Role : Project Trainee in Maintenance department
* Roles & Responsibilities:
* Worked in the department of maintenance and operation where I have learned about the working of combined cycle power plant, deem water supply.

**Certifications/Seminars/Workshops:**

* Attended a workshop on ‘3D-Printing ’, Lovely Professional University, 2014.
* Attended a Seminar on ‘Student LED Design Conference’, LPU, 2016.
* Attended a seminar on ‘Parivartan’, kadiyam, 2010.

**Extra Curricular Activities:**

* Volunteered in Youthvibe as an organizer, 2015.
* Participated in badminton inter school championship, 2014.
* Participated in Chess competition in school anniversary, 2010.

**Hobbies:**

* Reading Technology Advancements around us.
* Playing badminton, chess, carroms.
* Listening music
* Cooking

**Key skills and Knowledge areas:**

* Strong team collaboration skills. Work closely with team members to achieve engineering goals
* Excellent communication and interpersonal skills
* Am an extrovert and stress tolerance
* Ability to work independently and in a team environment with good relationships

**Software Proficiency:**

* Skilled in PowerPoint, MS-Word, Excel

**Personal Details:**

Date of Birth : 20-02-1996

Nationality : Indian

Languages Known : Telugu, Hindi & English

Visa Status : Visit Visa

**Declaration:**

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

**DATE:** **Rokkam**