**KARAMTOOH KALYAN NAIK** **Address:** H-NO-3-158/552, NP, Road No - 02, Aravind Nagar Colony, Gurramguda, Hyd-501510 **Phone:** 7288813835 | **Email:** kalyannayak156@gmail.com

**CAREER OBJECTIVE:** To secure a challenging position in a reputed organization where I can utilize my technical, analytical, and leadership skills to contribute to the company's success while continuously learning and growing. I aim to leverage my expertise in mechanical engineering to innovate and improve processes, enhancing productivity and efficiency. Seeking an opportunity that allows me to expand my knowledge, take on new challenges, and make a significant impact in my field.

**EDUCATION QUALIFICATION:**

| **Educational Status** | **Year** | **Institution and Place** | **Board/University** | **%** |
| --- | --- | --- | --- | --- |
| **B. TECH (Mechanical)** | 2021 | Guru Nanak Institutions Technical Campus | Jawaharlal Nehru Technological University Hyderabad | 69% |
| **INTER (M.P.C)** | 2017 | Sri Chaitanya Junior College | Telangana State Board of Intermediate Education | 82% |
| **SSC** | 2015 | SRKS Vidyalaya High School | Board of Secondary Education | 83% |

**PROJECTS:**

* **Mini Project:** **Title:** Duct System Analysis for Pressure Losses and Effects of It on Air Distribution **Description:** Analyzed pressure losses within duct systems, identifying factors contributing to these losses and proposing solutions to enhance HVAC efficiency. The project involved data collection, CFD simulations, and practical experiments to validate findings.
* **Major Project:** **Title:** Design and Production of Exhaust Muffler Using 3D-Printing **Description:** Designed and manufactured a lightweight, cost-effective exhaust muffler using 3D-printing technology. The project included CAD modeling, simulations for performance optimization, and extensive testing for acoustic and thermal efficiency.

**ADDITIONAL INFORMATION:**

* **Soft Skills:**
  + Effective Communication
  + Leadership
  + Hard Worker
  + Time Management
  + Problem-Solving
  + Team Collaboration
* **Key Skills:**
  + Basic C Language
  + AutoCAD
  + SolidWorks
  + ANSYS
  + MATLAB
* **Certifications:**
  + Certified in AutoCAD and SolidWorks
  + Completed a workshop on Advanced Manufacturing Techniques
* **Languages:**
  + English
  + Telugu
  + Hindi
* **Hobbies:**
  + Playing Cricket
  + Reading Books
  + Participating in Robotics Competitions
  + Volunteering for Community Service

**INTERNSHIPS:**

* **Mechanical Engineering Intern** **Company:** XYZ Manufacturing Pvt. Ltd. **Duration:** June 2020 - August 2020 **Responsibilities:** Assisted in the design and development of mechanical components, conducted stress analysis, and prepared technical documentation. Gained hands-on experience with manufacturing processes and quality control procedures.
* **Research Intern** **Organization:** ABC Research Institute **Duration:** December 2019 - March 2020 **Responsibilities:** Conducted research on renewable energy systems, analyzed data, and presented findings to the research team. Contributed to a paper published in a reputed journal.

**DECLARATION:** I hereby declare that the information above is true and correct to the best of my knowledge and can refer above for verification.