VANKA ROSHAN
Email: roshan.vanka1311@gmail.com
Mobile: (+91) 9391163907

CAREER OBJECTIVE:

To spearhead cutting-edge of mechanical engineering solutions at a forward-thinking organization, where I can continuously innovate, collaborate with highly skilled peers, and contribute to the development of transformative technologies that revolutionize the industry.

PROFESSIONAL SUMMARY:

- 6.6 years of technical experience in product design, development and identify possibilities in design enhancements
- Accomplished in managing a cross cultural diverse team
- Having 3 years of work experience in Japan which laid a strong base for project workflow, kaizen systems, 5S, quality, and delivery targets
- Played a crucial role in setting up Design Review system methodology in our Indian subsidiary
- Skilled in Research and Development
- Actively took part in creating Lead Management System in our work environment
- Expert in developing project schedules, budgets, resource plans and ROI
- Communicated and coordinated with Japanese and German experts
- Played a vital role in assigning tasks, setting up goals and ensure team's productivity and efficiency
- Expert in checking internal quality parameters
- Proven in collaborating with other teams for seamless integration of mechanical components
- Having hands-on experience in design documentation, engineering reports

PROFESSIONAL EXPERIENCE:

JAM GLOBAL TECHNOLOGIES PRIVATE LIMITED (September 2018- Till date)

Project Handled: -

- Established a DR system in collaboration with our Japanese experts in our Indian Division.
- Developed a sensor which detects cut, strip, and crimp operations.
- Designed safety cover for an automated machine.
- Successfully completed the fabrication of belt chutes in India.
- Handled a design modification on an Applicator to save costs.
- Handled a weight reduction project for Bench Top Machine.

Job Roles: -

- Lead and manage a team of mechanical designers.
- Assign tasks, set goals, and ensure the team's productivity and efficiency.
- Plan and prioritize design projects, ensuring deadlines are met and resources are allocated appropriately.
- Develop project schedules, budgets, resource plans and ROI.
- Identify opportunities for design improvements, cost reduction, and performance enhancements.
- Coordination with Japanese and German experts as needed.

Responsibilities: -

- Following PDCA to complete the task.
- Coordinate with other departments (such as manufacturing, quality assurance, and R&D) to ensure seamless project execution.
- Collaborate with other teams, such as electrical engineering, software development, and industrial design, to ensure seamless integration of mechanical components into overall product designs.
- Create and maintain design documentation, including technical drawings, specifications, and engineering reports.
- Forecast planning by collaborating with the sales team.
- Admin, accounts, and other related tasks.

ZetKo-DKV TECHNIK INDIA PRIVATE LIMITED (February 2017- April 2018)

Project Handled: -

- Installation of packing machine at Visakhapatnam Steel Plant.
- Installation of Convertor plate assembly at Tata Steel Plant.
- Manufacturing of Ripper for JSW, Dolvi.
- Manufacturing of Rimmer for JSW, Bellary.
- Design of Drill Unit for Bhusan Steels.

Job Roles: -

- Interacting with German experts and on-site co-ordination regarding the project workflow, quality and delivery targets.
- Structural Analysis for the loads acting on the machine.

Responsibilities: -

- On-site work was carried out by maintaining detailed inspections and checking internal quality parameters.
- Providing Technical support to sales team.
- Conceptual detail of the machine.

PROFESSIONAL TRAITS:

- Took Part in “Project Management in a New Era” a webinar by AOTS Japan.
- Took Part in “Basics of Six Sigma” a webinar by Skill Nation.
- Took Part in “Power BI” a webinar by Skill Nation.
- Pursuing Masterclass in Excel and PowerPoint for skill improvement.
- Proficient in 3-D printing.
- Knowledge in design of piping layout for process industries.

SOFTWARE TRAITS:

- Proficient in CAD software like AutoCAD, ICAD, Solid Works.
- Median skills in Excel, Power Point, Word and Power BI.
- Basics of AI prompts for ChatGPT.

ACADEMIC BACKGROUND:

1. Post Graduation Diploma in Piping Design and Construction 2016-2017
   (Asian Academy of Professional Training, Pune)

2. Bachelor of Technology in Mechanical Engineering 2012-2016
   (GITAM UNIVERSITY, Visakhapatnam)

ACADEMIC PROJECT WORK:

- Design, Analysis and 3-D fabrication of Spine Clip.

ACADEMIC EXTRA CURRICULAR ACTIVITIES:

- Student coordinator of the National Service Scheme (N.S.S) of GITAM University.
- Student ambassador of GITAM University to District Collectorate.
- Secretary for the AUTODESK CLUB of GITAM UNIVERSITY.

PERSONAL PROFILE:

- Date of Birth: 13/11/1994
- Residing at: #57-7-4/3, Gokul Nagar, Kancharapalem, Visakhapatnam. Pin code 530008.
- Languages: Telugu, English, Hindi, Japanese (Hiragana & Katakana).
- Marital Status: Married.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and I am also confident of my ability to work as a team.

Place: Visakhapatnam (VANKA ROSHAN)