88/w2 big street, kandigai, seeyalamkollai, thirukzhundram (TK),
Chengalpattu (DT), Tamil Nadu – 603 111.
+91 6383791544
suryaprakashkashup@gmail.com

SURYAPRAKASH P

OBJECTIVE

To gain astounding knowledge, to apply basics and try to unleash the Engineer's geek within me and to fulfill the requirements of the company and to adapt to the working conditions.

SOFTWARE SKILLS

AutoCAD, Tekla, SolidWorks, Revit MEP, MS Office, ERP System.

EXPERIENCE

TVS SUNDRAM FASTENERS PVT LTD., MECHANDRA CITY, CHENGALPATTU, TAMIL NADU, INDIA.
NOV 2018 TO NOV 2021.
Roles and Responsibilities:

- ➢ Overall activities of machine shop & assembly
- ➢ Experienced in production Planning, manpower and material planning.
- ➢ Experienced in Setting change over, product change over.
- ➢ Experienced in SMED production
- ➢ Well Experienced in CNC machine (vertical centers), special purpose machines like Grinding, Rack rolling and polishing machine.

DETAIL DESIGN ENGINEER, RK HEAVY ENGINEERING PVT LTD., KEERAPAKKAM, CHENGALPATTU, TAMIL NADU, INDIA.
APIRL 2022 TO PRESENT.
Roles and Responsibilities:

- ➢ Generated technical drawings using a computer-aided drafting system (AutoCAD)
- ➢ Assisted in the preparation of part drawing using AutoCAD, Tekla, SolidWorks and assisted in writing programs for the product.
- ➢ Created detailed 3D models of steel structures using **Tekla Structures** for commercial and industrial building projects.
- ➢ Developed accurate **shop drawings, GA drawings, erection plans**, and material lists from Tekla models.
- ➢ Coordinated structural models with architectural and civil teams to ensure clash-free construction.
- ➢ Received and reviewed GA (General Arrangement) drawings from the client to initiate the modeling and detailing process in Tekla Structures.

- ➤ Analyzed GA drawings to extract structural information including member sizes, gridlines, levels, and connection details.
- ➤ Developed 3D structural models in Tekla Structures based on GA drawings and project specifications.
- ➤ Prepared detailed fabrication and erection drawings as per client requirements and applicable design codes (AISC/IS/BS).
- ➤ Customized connections and components in Tekla to meet specific design and fabrication needs.
- ➤ Ensured all detailing outputs met accuracy standards, minimizing fabrication errors and reducing rework.
- ➤ Generated shop drawings, assembly drawings, and part lists directly from the Tekla model.
- ➤ Exported CNC/NC data, bolt lists, and material take-offs for production and site execution.
- ➤ Collaborated with design engineers and project teams to incorporate revisions and resolve detailing issues.
- ➤ Maintained drawing version control and documented changes as per project workflows and client feedback
- ➤ Produced **BOMs (Bill of Materials)**, CNC files, and reports directly from Tekla for fabrication and site use.
- ➤ Applied Tekla tools such as **custom components**, **templates**, and **cloning tools** to improve modelling efficiency
- ➤ Prepare BOQ based on the drawings received from the Client, precise quantity take-offs.

EDUCATION

PERI INSTUTE OF TECHNOLOGY ENGINEERING COLLEGE, VANDALUR – B.E.,
YEAR OF PASSING: 2018

- ➤ I successfully completed my Bachelor of Engineering Degree (DME.,) in the Mechanical department with a Percentage 80%.

- ➤ I successfully completed my Bachelor of Engineering Degree (B.E.,) in the Mechanical department with a CGPA of 6.63.

PERSONAL PROFILE

NAME	:	Suryaprakash P
FATHER'S NAME	:	Perumal R
DATE OF BIRTH	:	18th JULAY 1995
GENDER	:	Male
MARITAL STATUS	:	Unmarried
LANGUAGE KNOWN	:	Tamil & English

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned.

(SURYAPRAKASH P)