

## JALADI AJAY

Mobile No:9542481048

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### Career Objective:

To enhance my skills and further my career by filling the position of **Design Engineer** in well established organization.

### Professional Experience:

#### OPTI DESIGN SOLUTIONS

June 2020 – Present

##### Design Engineer

More than years successful experience in control PANEL Worked on various tasks related to Electrical system design.

- Hands on experience in Harness design & Installation drawings using CatiaV5.
- Understanding of layout, Electrical Schematics, Synoptics, Wire lists/Diagrams and Harness layouts.
- Segregation of HV and LV cables in all zones Roof, Underframe, interior..etc with reference of EMC table.
- Bundle dia calculation, Considering the opening conditions of the equipment's , Performing clash analysis, performing CADUA.
- Familiar with electrical /electronic supplier components.
- Expertise in CATIA V5 - Electrical Harness Discipline, Drafting, Part Design, Assembly Design, Sheet Metal Design.
- Creation of installation drawings and part drawings.
- Basic knowledge on welding symbols and Geometric Dimensioning and Tolerance.

#### Project: Design of Control Panels Cable Harnessing.

Software : *Catia V5*

Domain : Electrical Harness

#### Description:

- Project involves Primary design and modification Electrical Equipment Design Proposals, Weight distributions Proposals for DMS, PMS Saloon Roof, under frame, Body side Harness.
- Primary Design for DMS, PMS & MS1 with help of Blog diagram & Harness Layout, Initially finding the equipment location and Routing the harness with help of BT standard design document, Design for all Saloon & Roof, Body side and Doorway harness. After Elda got release we should replace all connector as per Elda reports for each harness.
- Computation for the harness with help of Input XML's.
- Flattening the 3D Harness with identifying Inter end Locations for directions.
- Creation of Form Board drawings .
- Making ageing for claim process

## **Project : Design and development of fruit cutting machine cable harnessing.**

Software : catia v5

Domain : Electrical Harness

### **Description:**

- Study of Single line Diagram and connector list from Customer
- Understanding the 3d Models from Our Mechanical design team, and location of the various component, Mechanical functional importance
- Preparation of Cable Harnessing Using catia v5
- Performing the computation for the harness with the provided XML files
- Flattening the harness and creating the form board drawings
- Creation of BOM for installation and assembly drawings

### **Educational Profile:**

- Bachelor of Technology in Mechanical Engineering from JNTU (Kakinada) Avg- 68.4%.
- Intermediate (MPC) from NRI JUNIOR College Guntur Avg-86%.
- Schooling from NAVEENA High School Guntur Avg -88.8%.

### **ENGINEERING TOOLS:**

- CAD Tools : CATIA V5, Creo Parametric.
- Operating System : Windows XP, Windows 3, 7, 8, Vista

### **Personal Profile:**

|                 |   |   |
|-----------------|---|---|
| Name            | : | JALADI AJAY                                       |
| Date of Birth   | : | 02 AUG 1996.                                      |
| Gender          | : | Male.   |
| Nationality     | : | Indian.   |
| Languages Known | : | Telugu, Hindi, and English.                       |
| Marital Status  | : | Married.  |
| Address         | : | 133-18-3993,INNER RING ROAD ,REDDYPALEM,GUNTUR. . |

### **Declarations:**

I hereby declare that all the above information is true to the best of my knowledge.

Place: Hyderabad.

Date

( JALADI AJAY )