

Adithya N

CONTACT

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OBJECTIVE

To obtain a challenging position by applying my knowledge and skills to benefit mutual growth and success with diligence towards a growing company, Self-motivated, zeal to work both as an individual and a team player

SKILL HIGHLIGHTS

- Proficient in CATIA, Enovia V5(EHI) , AutoCAD & MS Office.
- Over 2 years of Experience in Design of Electrical Wiring Harness.
- Over 1 years of Experience in Manufacturing of Electrical wiring harness & system integrations.
- Proficient to perform New product Design, Assemble, test & Validate wire harness per pre-requisite.
- Good team player with excellent organizational & communication skills.

WORK EXPERIENCE

HCL Tech pvt ltd.

March2023 — Till date

Lead Engineer

- Competent in CATIA V5 electrical wiring harness module (EHA part design and assembly design work bench)
- 3D harness routing and Installation's (EHA,EHI work bench) for Aircraft OEM.
- Studying the Inputs provided by the customer and making the desired changes in the Electrical Assemblies consists of Electrical Routings, Connectors.
- Development of various Concepts of electrical routing and Supports on based on for environment
- Based on WHA Extraction we will verifying Each location WHI bundle connection.
- Checking with DMU analysis and find the difference between WHA vs WHI.
- Verifying Assembly notes against the WHI like Flag markers, Splice, TB, GD, Non instantiated Equipment, Sleeve point, Start Sleeve and End sleeve, OAS, Dual Stag definition split ring.
- Checking Element Modal Analysis and Electrical node analysis, Network analysis and Back shell clocking.
- Each wire harness assembly flatting drawing is prepared and verified with WHIMST BOM.
- Worked on Conversion of V4 to V5 WHI Models.

Hical technologies pvt ltd

December2022 — February2023

New Product development Engineer

- Being part of NPD team for the executions of RFQ's allotted & Preparation of Costing sheet's, Bill of Material's, Man hour estimations & Tools Jigs fixtures development.
- Feasible to work for Build to Spec & Build to print products. Product Development(Wiring Harness & System integration's): Process design for New products, Process improvement's for existing product's, Manufacturing cost Estimation's, Feasibility review Fixture's and Board development.
- As part of Engineering activity worked on releases, Approval's of Engineering Change Notice (ECN) & Engineering change request (ECR).
- Active Participation in the New Product Builds & Determines Root cause analysis for issues that arise during assembly and provides Action plans for the Cause.

- APQP,PPAP Document's, Quality planning, Continuous improvements, New supplier sourcing & FAI documentation's and approval.
- Preparation of PFMEA,PFC, Work Instructions & Preparation of Manufacturing Drawing's.
- Knowledge of selection harness manufacturing materials by OEM and QPL.

Trasccon interconnections pvt ltd.

**September2020 —
September2022**

Engineer

- Utilized CATIA V5 for 3D harness routing and Installation's for Aircraft domain.
- Active Participation in the New Product Builds & Determines Root cause analysis for issues that arise during assembly and provides Action plans for the Cause.
- Preparation of PFMEA, PFC'S, Visual alert's and Work Instructions.
- Worked on Material Management and Inventory Control for the Completion of Projects.
- Process Engineering: Worked on Process qualification for the Special Processes Soldering, Crimping along with Continues Improvements.
- Feasible to work in ERP Software's.
- Interaction with customer representative to understand the requirement, and developing the product, selection of components

EDUCATION

BE-Mechanical Engineering

August2015 — June2020

Srinivas institute of technology

Pre-University Education

June2012 — April2014

St. Joseph's Composite Pre-University College

SSLC

June2011 — April2012

Sri Vivekananda High School

CERTIFICATIONS & COURSES

- Certified for "CATIA V5" in Wire Harness and Mechanical Design.
- "Dual Six Sigma White & Yellow belt" training and E-Certification from Six Sigma Academy Amsterdam.
- Paper Presentation regarding "Solid Waste Management by Incineration Technique".
- Paper Presentation regarding "Passive Solar Building".
- Tata Steel Industry 4.0 certification..
- Appreciated as a team member for "Zero defect approach" for MOOG Project.

LANGUAGES KNOWN

Languages	Speak	Read	Write
Kannada	Yes	Yes	Yes
English	Yes	Yes	Yes
Hindi	No	Yes	Yes

REFERENCES

References available upon request.