

RESUME



ADITYA NARAYAN KUMBHAR
4.6 Year Experience in Wiring Harness Design
A/P-Borawade, Kumbhawada Tal. Kagal
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B.E. (Electrical Engineering)
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Birth Date-7th July1996

CARRER OBJECTIVES

To enrich my knowledge base which will lay a strong foundation to achieve greater heights. To acquire a leadership position in a reputed organization, where I can contribute to overall development of the organization and at the same time self-growth.

ACADEMIC CREDENTIALS:

Description	Class	Board	Passing Year
B.E.- Electrical Engineering	69.25% - First Class Distinction	Shivaji UniversityKolhapur	2018
Diploma - Electrical Engineering	87.67% - First Class Distinction	MSBTE Mumbai	2015
S.S.C	79.82% - First Class	Pune Divisional Board	2012

PRO FILE SUMMERY

HYSTER-YALE GROUP (Pune)

Duration: 17th April 2023 to Till Date

Working as Product design & development Engineer -I in WPDC project from support DC Engineer Masate Italy. working on Very Narrow Aseel & Global pallet trucks Truck level schematic creation harness related database creation in zuken. Routing wire harness in NX Siemens basic of battery-operated forklift trucks & Classification. all the level drawing release activity done in Agile Teamcenter.

BOEING INDIA PVT LTD On CYIENT. Behalf

Duration: 26th June 2022 to 6th April 2023

Working on Capital Logic for Circuit schematic in Green airplane Project. Working on EBD (ElectricalBlock Diagram) & System updates as per the counterpart requirements.
Currently working on Creo Parametric for the creation of Harness Drawing using FLATTENING, Drafting.

Daimler Truck Innovation Center (DTIC) On IDC Engg. Behalf

Duration: 12 July 2021 to 17 Jun 2022

Work as Design Engineer in DTIC Bangalore. Hands on experience on Capital Harness XC, Capital Logic. Work On Deviation (ECN) in that creation of E packet. creation of release no, Creation of Schematic in ca Capital Logic, Creation of AX6 Drawing in Capital XC

Minda Corporation Ltd Kalyan

Duration: 3 Feb 2020 to 8 Aug 2020

Work as a wiring harness design engineer in Minda Corporation Ltd from Feb 2020 to Aug 2020.
Hands on experience on Capital Harness XC, Capital Logic. Making the XL file of BOM and database creation. Preparation of BOM Using SAP also Drawing. To manage the all the level of activity in Protoshop

Tata Technologies Limited Pune

Duration: March 2019 to Jan 2020

Work as a wiring harness design engineer in TATA Technologies from March 2019 to Jan 2020.
Hands on experience on Zuken, AutoCAD Electrical, Capital Harness XC, Capital Logic, CATIA V5, Capital Symbol and Capital Library for wiring harness design and database creation.

L&T Ahmednagar

Duration: July 2018 to Jan 2019

Work as a Trainee Engineer in L&T Ahmednagar. When I worked in production department as a Fresher

KEY STRENGTH AREAS

Automobile Wiring Harness designs

Schematic design

Schematic Creation in Zuken

2D Drawing Layout

Creo Flattening & Drafting

Electrical Routing In UGNX

SOFTWARE PROFICIENCY:

Tools Used : AutoCAD, Zuken e 3s, Capital Harness XC, Capital Harness Logic, CREO , UGNX, CATIA V5
office Automation Tools: Agile, Teamcenter, SAP, IMAC, MS Office Application

PROFESSIONAL EXPERIENCE

Position: Design Engineer (ER&D Department)

- Conversion of 3D module to 2D layout drawing
- Harness & Electrical drawing preparation from PDF input
- Routing wire harness in NX siemens
- XML import from zuken and generating PLM XML with autoroute and creating PLM XML model.
- Functionality of forklift truck with basic concept
- Continuity test of each wire to understand routine of available sample.
- Selection of Component, Wire size calculation, Load Calculations, Selection of Connector, Selection of Wire etc.
- Routing of Wiring harness on vehicle.
- Creation of drawing in Zuken e3s
- Study of technical specification/datasheet of product
- Proficiency of component list (Bill of Material)
- Electrical harness Flattening & Drafting.
- Understand the concept of wire harness design.
- Understand the functions of various electrical components.
- Experience in wire harnessing of TATA Motor Vehicle
- Maintaining all type variants wise WH kit
- Routing wire harness in NX siemens
- XML import from zuken and generating PLM XML of NX

Project Details

Project Name – Very Narrow Aisle & Global Pallet Truck

Position - Design Engineer-I

Responsibilities-

- Creation of schematic for battery operated system in zuken. New symbol creation with IEEE standard.
- Adding connector to component with constrain. qualifying part, create a spline path built in path to connector.
- Xml import from zuken & generating PLM-XML with autoroute and routing of harness.
- Good communication skill to Client location for projet related activity

Status - In Progress

Tool Used - Zuken E3s, UGNX

Project Name – Green Airplane & SLS

Position - Design Engineer

Responsibilities-

- Working on Capital Logic for circuit schematic for EBD and system updates like DRC Check, Symbol Updates,
- Creation of Manufacturing drawing using CREO Parametric Software.
- Hands on experience on flattening using CREO Software.

Status - Completed

Tool Used - CAPITAL LOGIC, CREO Parametric.

Project Name – CASCADIA Truck (DTIC)

Position – Design Engineer

Responsibilities-

- Designing Design layouts in Capital Harness xc tool based on specific functional module.
- 2D drawings design with basis of designs from schematics in capital modular harness.
- Creation of Deviation Making markup and E packet For 42N & 43N.
- Creation the release activity using IMAC.

Status – 2-D flattening of 3-D NX data in Capital harness tool.
Tool Use – Completed
– IMAC, CHS XC, LOGIC, UGNX

Project Name – Bolero Pick Up P105 (Minda Corporation Ltd)

Position – Design Engineer Level (IV-B)

Responsibilities

- Creating The Database library which is component used In the Project
- BOM Verification Using Drawing
- Making the Addition-Deletion Chart
- TO checking the Sample Harness As per Drawing in Protoshop

Status – Completed

Tool Use – SAP, CHS XC

Project Name – Tata Ultra T7 12 (TTL)

Position – Design Engineer (Team Member)

Responsibilities

- Placing of electrical routing component.
- Creating the routing in electrical harness assembly & mechanical assembly.
- Clips & slack provided on routing wires as per basic guidelines.
- Providing wire bundle protection & define the routing path
- Electrical harness Flattening & Drafting.

Status – Completed

Tool Used – Catia V5, CHS

Project Name – AutoCAD to Zuken Migration Drawing

Position – Design Engineer (Team Member)

Responsibilities

- Creation of component and symbol database in Zuken E3
- Study of technical specification/datasheet of product
- Creations & Preparation of component list (Bill of Material)
- Creation of connector, cable, model, assembly
- Mating of connectors, creation of tables
- Making the drawing in Zuken E3 Software

Status – Completed

Tools Used – Zuken E3s, Auto

Project - TATA ALTROZ X451

Position - Design Engineer (Photoshop Support)

Responsibilities –

- Manage all the activities in vehicle built up plan.
- Building wiring harness kit as per vehicle variant
- Fault finding and route causes on the vehicle.
- Responsible for solutions of wiring harness related issues
- Routing of wiring harness as per IFD in vehicle

Status – Completed

Tools Used – CHS XC, CHS LOGIC

STRENGTHS:

- Positive attitude & very flexible and adaptable to change.
 - Learning attitude and logical approach.
 - Responsible, operate with integrity and team work.
 - Ability to stay calm under pressure.
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DECLARATION:

I hereby declare that the above cited information is true to the best of my knowledge & belief, if given a chance, I can prove myself. Being experienced of **4.6** Year, I am quite confident about my logics, group work, leadership & passion in assignments.

Date:

Yours Sincerely

Place:

Aditya Narayan Kumbhar

