

THIRUNAVUKKARASU.T

8526487187,9488275074.

thirunavukkarasuttk@gmail.com

Personal Data:

Father's Name : T.Thenthillaian
Mother's Name : T.Karpagavalli
Father's Occupation : Noon meal organizer
Date of Birth : 10 Jan 1993
Gender : Male
Marital Status : Single
Languages : Tamil
English
German(B1)

Address for Communication:

402, South Street,
Kulasekaranpattinam,
Thoothukudi district,
Tamilnadu-628206.
India.

SOFTWARE EXPOSURE:

CAD TOOL: CATIA V6&V5 R21, UG NX 12, Capital Launcher.

PLM TOOL: I-leap, IFS, Team Centre, ENOVIA, SMARAGD.

TESTING: Omitech Scan Tool (OBD)
(Part design, Assembly design, Drafting, Wiring harness Routing and Flattening, GD&T, Capital Logic, Harness XC, Integrator, Symbol)

PROJECTS WORKED:

Modular Business Program-MBP, BS6, LDT (Light Duty Trucks), HDT (Heavy Duty Trucks), Electric Trucks.

Passenger cars like Hatchback, Sedan and SUV for ICE, HEV, PHEV

RESUME

CAREER OBJECTIVE

Acquiring a position to apply my knowledge and experience practically in a creative environment through self-motivation and team work and seeking challenging atmosphere to develop along with organization.

WORK EXPERIENCE:

- **Company:** SL LUMAX Research and Development center, Chennai.
Designation: Design Engineer.
Department: Electrical and Electronics systems.
Duration: From July2020 - Present
- **Company:** Renault Nissan Technology and Business center, Chennai.
Designation: Senior Design Engineer.
Department: Electrical and Electronics systems-1.
Duration: From Dec-2018- June 2020(On deputation with Qess corp)
Reason for change: Covid pandemic Layoff.
- **Company:** Ashok Leyland Technical center, Chennai.
Designation: Design Engineer.
Department: Vehicle Electrical and Electronics for Trucks (VEE).
Duration: From (Aug 2017-July 2018)- (On deputation with Hinduja tech).
Reason for change: To Improve my career.
- **Company:** Hindustan Aeronautics Limited, Bangalore.
Designation: Graduate Apprentice Trainee.
Department: Aeronautical Research and Design Center (ARDC).
Duration: One year (Nov2014 to Oct 2015).
Reason for change: Apprentice period completed.

Design Experience: 5years and 2months

Total Experience: 5years and 8months

JOB RESPONSIBILITIES:

- Responsible for all kinds of Electrical Wiring design for Truck and Car Variants in Capital Logic, Harness XC& Symbols, and harness routing in CATIA V6 and NX 12.
- Responsible for Picking up Electrical components like Fuses, Switches, Connectors Relays, Lamps, Sensors etc. Terminal, wire selection, fuse calculations and grounding preferences. Cost and weight estimation for all the harnesses available in the vehicle.
- Design Wiring Circuit by keeping in mind Quality (DFMEA) and Manufacturing Objectives, Functional check, Mechanical, Electrical and Environmental requirements. Applying Value Analysis and Value Engineering (VAVE) for cost reduction activity.
- Design Wiring Harness Routing assembly to be free from clashes with vehicle structures and do necessary clamping by knowledge of different clips, pass through and grommets, Cable selection hoses, tubes, sleeves, tapes wherever required. Working with EE functions and control modules like ECU, BCM, ABS, Air bags and other modules.
- Integration of Wiring Harness Flattening in CATIA CHS plugin for V5 and V6 direct Integration and add Schematics file to link wire with routings and placing splices. Harness Design and detailing by using Capital Harness XC.
- Preparation of Bill of Materials (BOM) and applying wiring harness codes and standards.
- Working with PLM tool I-leap and team-center to manage Module creation, BOM updating and other related to wiring design. Working in MS office tools for technical files creation and managing the workspace.

EDUCATIONAL QUALIFICATIONS:

Course	Institution	Year of Passing	Board	% of marks
10 th	T.D.T.A Hr Sec School	2008	State Board	86.8
12 th	T.D.T.A Hr Sec School	2010	State Board	78.25
B. Tech (MECH)	Kalasalingam University	2014	Tamil Nadu	7.38 (CGPA)

DECLARATION

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

Place:

Yours Sincerely,

Date:

Thirunavukkarasu. T