

DIVYA M

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OBJECTIVE	To build a successful career that gives a potential to achieve a dream of skillful electrical and electronics design engineer which offers opportunity for Professional Growth with the Growth of Organization.	
SKILLS	 AutoCAD LT Spice PSpice KiCad PCB 	PSimDOORsMATLAB Simulink
CAREER SUMMARY	 Feb 2022 - till date with TCS. Dec 2021 - Jun 2022 with Electronic Relays India Pvt Ltd. Feb 2019 - Jan 2020 with Lokesh Electricals Pvt Ltd. Aug 2015 - Apr 2016 with Danfoss Industries Pvt Ltd. 	
WORK HISTORY	 HARDWARE ENGINEER, 11/2022 - Current TCS, Bangalore, Karnataka Involved in new product development (NPD) and fleet activities for Aero Electronics Engine Control Unit EEC for Trent series, BR series, XWB. Protection circuitry analysis for each IO and critical function. Writing/Updating technical requirements in DOORs for the new function identified and traceability of requirement from system level to design level. Attending gate reviews like CDR, PDR and provides closure date for each deliverable. Created design assurance test plans per DO254 and test plan per DO160 for the various EEC. Documentation to update the Hardware Description Document for each function in the EEC. ECR technical justification, closing of Vendor Change Proposals. 	

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DESIGN AND DEVELOPMENT ENGINEER,	12/2021 - 06/2022

Electronic Relays India Pvt Ltd, Bangalore, Karnataka

- To raise the ECR and to update LOPs, PLYs in line with the design solution.
- To provide design solution to the client by analyzing the design problem.
- Component engineering activities (RoHS, Obsolescence, EOL)
- Design review, preparing hardware design documentation.
- Component selection using datasheet comparison from the open source.
- Schematic Design, development which includes creating, reviewing the schematics, net list, BOM.

ACADEMIC RECORDS	SSN College of Engineering, Chennai, 08/2014 - 04/2016		
LANGUAGES	EnglishTamilKannada		
PERSONAL INFORMATION	 Father's Name: Madasamy T Date of Birth: 02 Jun 1993 Gender: Female Nationality: Indian Marital Status: Married 		
	 INTERN, 08/2015 - 04/2016 Danfoss Industries Pvt Ltd, Chennai, Tamil Nadu Develop a Brake Chopper for High Power Rating using VFD (30-75kw) Developing a brake chopper for High power rating using VFD (30-75Kw) with 10% and 40% duty cycle. IGBT design and power loss calculation Heat sink design selection based on IGBT power loss calculation. Gate driver circuit analysis 		
	 TECHNICAL ENGINEER, 02/2019 - 01/2020 Lokesh Electricals Pvt Ltd, Bangalore, Karnakata Contributed the Design and development of power electronics circuits, with safety and performance requirements. Supported verification and validation activities for design modifications, ensure proper testing and documentation. Developed and validated theoretical designs for various electronics components, performing circuit simulating using LTSPICE. Knowledge on the active and passive components. Power Design-Zener diodes, Buck/ Boost converter, Diodes, Basic electronic Devices. 		

Mepco Schlenk Engineering College, Sivakasi, 08/2010 - 04/2014 B.E: Electrical and Electronics Engineering Ignatius Convent Girls Hr Sec School, Palayamkottai, 06/2008 - 05/2010 H.S.C Govt.Higher Secondary School, Serndamaram, 01/2003 S.S.L.C

DISCLAIMER

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