

Nand Kishor
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B. Tech – Electronics and Telecommunication

Objective

Want to be a part of winning team of a professionally managed project and to use my knowledge and experience in leading, designing and implementing innovative and quality electronics products and to continuously update myself with new technology and products

Executive Summary

- Extensive experience of over 5 Years in various electronics unit including PCB Designing , Solar Led lighting division, Signalling, A.C. Led lighting etc
- Working experience on PCB Designing in tools like Dip Trace, Altium Designer, GC Prevue
- Well versed with four layer Pcb design in Dip Trace
- Well versed with concepts like SMPS(AC-DC/DC-DC), LED drivers etc
- Working knowledge of LED Lights and production, PC controlled device
- Well versed with LED Lights testing and quality control
- Working experience on hand signal lamp design, development and testing
- Working experience on solar system design
- Proactive Approach towards problem solving
- Excellent interpersonal and analytical skills, ability to communicate effectively

Professional Experience

Organization Name	Embedded Market
Client Name	India ,USA, Europe etc.based client
Project Name	AC-DC & DC-DC PCB Designing
Project Duration (From & To in Month/Year Format)	07/2015 to till date
Role/Title	Design Engineer (Power Electronics)
Work Location	Pune,Maharastra

Project Description:

Embedded Market are working on PCB Designing for clients spread across the world. Embedded Market ensure ontime and perfect PCB designing & Component Library creation services. Embedded Market design and manufacture development boards, starter kits, experiment boards & microcontroller programmers Being based in India, clients from USA, Europe and other western countries get advantage of low per hour PCB designing cost. Thus our services are affordable and competitive.PCB Design Services offered - Analog PCB Designing, Double Side PCB Designing, Multi Layer PCB Designing, SMD PCB Designing and SMPS PCB Designing.

Responsibilities:

- To design pcb in Dip Trace software.
- With Single-sided, double-sided and up to 4 layers boards.
- Industrial Grade PCB Designing.
- Gerber or Positive-Negative PDF Files Included.
- Component Library creation as per IPC standard.

- To Design PCB for SMD, through-hole.
- Bill of material generation.
- To Design & placement as per component datasheet.
- Gerber generation.
- Schematic & Layout Designing.

Organization Name	LSG energy Pvt. Ltd.
Client Name	Indian Railways (NE Railway), M P Urja Vikas Nigam (Bhopal)
Project Name	Indoor & Outdoor L.E.D.Lighting Solution
Project Duration (From & To in Month/Year Format)	05/2014 to 06/2015
Role/Title	Team member R & D
Work Location	Noida, UP

Project Description:

LSG Energy is the leading manufacturers of energy efficient LED lighting bulbs and fixtures. LSG Energy designs, develops, manufactures and markets LED lighting solutions that are environmentally friendlier and more energy efficient

than traditional lighting products. LSG Energy offers LED products for a range of applications including public and private infrastructure for both indoor and outdoor applications. LSG Energy Projects Group designs, develops and manufactures custom LED lighting solutions for architectural and artistic projects

Responsibilities:

- Design Pcb of 0.5W Led bulb driver
- To Design Led footprint Pcb in Dip Trace
- To prepare test report for all LED lights.
- Check the quality of the product.
- Field Failure Analysis.
- Service and Troubleshooting of all LED lights.
- To prepare sample for demonstration.
- To prepare sample of L.E.D.lights for Certification of Govt. authorized lab.
- To do the technical analysis of running LED drivers and related electronic circuitry.
- Interaction with customers & vendors for their technical queries.
- Design and development of LED drivers for LED Lighting.
- To optimize the electronic circuitry for increasing efficiency & reliability of the electronic circuits.

Organization Name	AOV International
Client Name	Anibel (Dominical Republic), Polytech (Mozambique) etc
Project Name	MNRE W-Led solar street light & lantern
Project Duration (From & To in Month/Year Format)	08/2011 to 07/2013

Role/Title
Work Location

R&D executive
Noida, UP

Project Description:

AOV International is a conglomerate of AOV group of companies having its production unit in Noida / Greater Noida, it is a Govt. recognized export house and world's leading manufacturer of solar products ,water hand pumps & cold chain equipments.

Aov internationals are exporting its products to The United Nations and development communities. It has many esteemed customers like UNICEF, W.H.O., FAO, UNHCR. It has a long term agreements with UNICEF.

Headquarter is located in Noida (U.P.) India, serving customers in across 40+ countries worldwide. Company has been able to build a good reputation among its customers which leads to development of long term sustainable business partnerships/projects, by providing clients with quality and well tested products as well as services like commercial, technical support, R&D & After- Sales.

Company product quality is well tested and certified, hence it has partners like National & International Govt Organizations, Aid & Relief Agencies, NGOs, Stockiest, End-users, Farmers, Importers / Traders and Merchant Exporters from India

Responsibilities:

- Analyzing current business to design DC-DC converter for LED based product.
- To optimize MNRE W-Led solar lantern with greater than 85% efficiency with short circuit protection and dimming process.
- MNRE W-Led solar street light with greater than 85% efficiency with dimming feature. Protection against short ckt.
- To optimize the DC-DC converter for increasing the efficiency & reliability of the electronic circuits.
- To do the technical analysis of running DC-DC converter.
- Component selection.
- Production for 1.8W & 3W LED Solar lantern with greater than 80% efficiency.
- Production & Field Failure Analysis.
- Work on Solar water hand pump project.
- Testing solar water pump at Solar Energy Centre, Gurgaon

Technical skills

- Working experience on Dip Trace four layer PCB Design
- Well versed with Protel 99SE, Altium designer, having good working knowledge
- Good knowledge on GC prevue
- Basic knowledge of C programming language

Training & industrial project

Industry: Prasar bharti doordarshan Kendra, Gorakhpur

Project: P.C. Controlled Devices for Domestic Electrical Appliances

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Education

Educational Record (In Reverse Chronological Order Starting Highest Degree)				
Course of Study	Specialization	Name of University	Address of University	Year of Completion
Bachelor of Technology	Electronics & Communication Engineering	Gautam Buddh Technical University, Uttar Pradesh	Noida, Uttar Pradesh	2011
HSSC	Maths, Science	Jubilee Inter college , Gorakhpur	Gorakhpur, UP	2005
HSC	-	Jubilee Inter college , Gorakhpur	Gorakhpur, UP	2003

Professional Organizations

Work Experience Details					
Organization's Name	Designation	Dates of Employment		Location (City & State)	Explanation for Interruption / gap (If Any)
		From (DD-MON-YYYY)	To (DD-MON-YYYY)		
Embedded Market	Design Engineer (Power Electronics)	01-July-2015	Till Date	Pune, Maharashtra	NA
LSG Energy Pvt. Ltd.	Quality Control Engineer	01-May-2014	26-June-2015	Noida, UP	NA
AOV International	Research and Development Executive	16-Aug-2011	30-Jul-2013	Noida, UP	NA

Extra-Curricular Activities

- Event manager for Inter College Volleyball Tournament -2009.
- Team player Runner up Team Inter College Volleyball Tournament-2009.
- Event manager for Badminton Tournament in college -2008.

Interests

- Listening to Music
- Badminton
- Cricket

Personal Profile

Father's name: Ram Darsh

Mother's name: Smt. Jiwati Devi

Date of birth: 05 Jul 1988

Marital status: Married

Languages Known: English, Hindi

Permanent Address: Basharatpur west, near rampreet chowk Gorakhpur-273004 UP

Date:

Place:

(Nand Kishor)