

ARDHA BISHMAREDDY

Jr.Design engineer

Hyderabad

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Objective:

To pursue a career that will promote individual opportunity and professional growth while making positive contributions towards the organization.

Profile Snapshot:

Result oriented professional career with 4 year of experience in domain of Power Electronics (LED Lighting Division, Power Supplies Projects) as a Development Engineer. An organized and resourceful team player and easily adapt to new environment. Always eager to new Ideas, skills, improve my domain expertise and implementing efficiently based on the understanding of engineering processes.

Skills:

- Preparing Project BOM, Production supported documents preparation
- Highly motivated,team-spirited professional with 4years+ experiencein research and development in the areas of power electronics
- Orcad,Pads Schematic capture
- Pads ,Cadstar PCB layout basics
- Fully hands on toTesta LED Light & Adapters a sper the specification and Standards.
- Knowledge of handling various Electronic Instruments for testing purpose required in Power Electronics & Lighting sector, such as Oscilloscope, Power Analyzer, Thermal Imager, LCR, Surge Generator, LightAnalyzer testing etc.
- Very strong technical and analytical skills in troubleshooting circuits and finding root cause of failures.
- Evaluating of thermal profile of Critical components
- Hands-on experience in the transformers and inductors design for switch mode power supplies (smmps)

Professional Experience:

- Working as a technical assistant (production) in Axiom power Products Pvt Ltd from 08/10/2017 to 30/12/2019.
- Working as a Jr.Design Engineer (R&D) in Axiom power Products Pvt Ltd from 01/01/2020 to 08/12/2022.
- Working as a Sr.DesignEngineer (R&D) in PowernSolutions from 09/12/2022 toTill date.

Projects:

1. LED STREETLIGHTS & FLOOD LIGHTS (UPTO15WTO200W):

Project Description: This project was developed using Fly back topology, The WSD series LED street light series can be widely used for indoor or outdoor lighting (wet location), like roadways, parking areas, office complexes, schools, universities and sports facilities

2. DIMMING STREET LIGHTS (UPTO30WTO110W):

Project Description: Thisproject was developed using Flyback Topology , LED street lighting dimming feature helps to flexible adapt street and outdoor lighting to the varied night life of cities and municipalities and enable big energy saving.

3. DC POWER SUPPLY ADAPTERS (24V@1.5A&24V@2.5A&24V@5.0A):

Project Description :This project was developed using Flyback Topology. It is used in All RO Water Filters and Purifier power supply AC-DC converter.

4. DC POWER SUPPLY ADAPTERS (5V@1.0A&5V@2.5A&12V@1.0A&12V@3.0A&12V@5.0A):

Project Description: This project was developed using Flyback Topology. It is used in CCTV Cameras, Routers, Modems, Set-Top boxes, Wireless device for AC-DC converter Power supply.

5. BLDC FAN CONTROLERS (IR & RF)([24V@1.5A](#),[27V@1.2A](#))

Project Description: BLDC Ceiling Fans in Low voltage Model IR & RF Fan Controllers
High Voltage in regulator model Fan Controllers.

6. IOT TECHNOLOGY WATER GEYSERS

Project Description: IOT Technology (TuyaModule) with Smart water geysers using with Smart life mobile app Controllers.

Educational Qualifications:

❖ Completed ITI Electronic Mechanic (EM), in year 2017 with 75%.

Personal Profile:

Father's Name	: Mr.A.Shankarreddy.
Date of Birth	: 01 December 1996
Sex	: Male
Contact Number	: +91-8096324659
Email ID	: bishmareddy8096@gmail.com
Marital status	: Married
Language known	: English, Telugu
Hobbies	: Studying technical books, sharing ideas with Friends, Listening music
Permanent address	: Ardhavari Gudem, Nakarekal (M.D), Nalgonda (D.T), Pincode: 508211.

Declaration:

I hereby confirm that the above details are true to the best of my Knowledge.

Date:

Place: Hyderabad

A.BISHMAREDDY.