**Curriculum Vitae**

**Sreenath**

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**Profile:**

A result oriented professional having nearly **5 years** of experience in the **Electronics** sector with specialisation **in Design, Develop, Production, Sales** and **Testing** of DC-DC converters and Basic electrical. Designing IEEE802.3af/at based PoE (Power over Ethernet) Devices and having knowledge of Analog electronics, Power electronics and Basic electrical.

**Objective:**

Act as strength to the company working efficiently and effectively using my technical expertise in improving the business and development of the company by adopting a continuous learning approach towards mutual growth.

**Strengths:**

* Excellence in Teamwork and willing to take initiative.
* Creative, confident and an initiator.
* Comprehensive organizing, planning and risk analysing capabilities.
* Team-working attitude with strong desire to excel.
* Equally effective in working independently.

**Academic Qualifications:**

* Post Diploma in Power Electronics from NTTF Bangalore, Karnataka, India.
* Bachelor of Science Degree (B.Sc.) in Electronics from Kannur University, India.
* Higher Secondary Examination (HSE) in Science from Govt. Higher Secondary School in Kerala, India.
* Technical School Leaving Certificate (THSLC) from Technical school in Kerala, India.

**Computer Knowledge:**

* MS Office
* Adobe PageMaker, Corel Draw

**Area of Interest:**

* Testing and Trouble shooting of Electronics and Electrical equipments.
* Hardware design and Power Electronics.

**Technical Expertise:**

* Good understanding of Analog, Power electronics.
* Expertise in testing [Board level and unit level], Debugging and Analysing of SMPS.
* Expertise in handling testing and measuring equipment like analog and digital oscilloscopes, AC/DC power sources**,** power analysers and thermal chambers.
* Knowledge on Analog Circuits, Schematic design, PCB Layout guide lines considerations, Switching Topologies, and Component (Package and Make) selecting ideas.
* Good knowledge of preparing test plans and test reports.

**Work Experience:**

1. **Electronics Technician and Customer Service Executive in Starsline Electronics, Bahrain from 2016 Dec to 2017 Dec.**

**Project Handled:**

* **Distribution, Sales and Installation of PS (PlayStation) 4, PS3, PS2 and PS1.**

**Roles and Responsibilities:**

* Answered customer’s questions and addressed problems.
* Helped customers select products that best fit their needs.
* Educated customer own product and service offerings.
* Built customer confidence by actively listening to their concerns and giving appropriate feedback.
* Performed product testing prior to all releases and updates.
* Debug and service all products if it required.
* Evaluated all programs for flaws and issues.
* Examines functioning and durability.

1. **R&D Electronics Engineer in INFOMART INDIA PVT.LTD, Bangalore from 2012 Sep to 2016 May.**

**Project Handled:**

* **PEM1400 Power over EthernetDesign**, **delivering 12.95W, IEEE802.3af Standards with**-**in14X37X15 mm Dimensions**.
* **PEB6000 Series designed for wide band high power Power over Ethernet splitter which can able to deliver up to 60W Power over Ethernet cable.**

**Roles and Responsibilities:**

* Development of prototype according to customer requirement.
* Design the schematic circuit diagram in Or CAD.
* Design the schematic circuit diagram in Ki CAD.
* Component selection according to electrical parameters, size, grade and cost.
* Experience in DC-DC converters, DC-DC filter and rectifier.
* Modification of existing designs for reducing field failure.
* Design the BOM as per design circuit.
* Component selection as per high quality and low profile as per the design.
* After completion of assembly, board bring-up.
* Knowledge of PCB checking and Gerber tools.
* Component and prototype system level testing, guidelines for production level testing.
* Knowledge in testing of Power over Ethernet modules as per IEEE802.3.af/at standard.
* Debugging and servicing.
* Field failure analysis and developing corrective actions.
* Preparation and updating of design documents like BOM, ATP, QTP, and FMEA.

**Personal Data:**

DOB : 03 September 1990

Passport No : J9643178

Nationality : Indian

Sex : Male

Marital Status : Married

LanguagesKnown : English, Malayalam, Hindi, Tamil, and Kannada

**Declaration**

I hereby declare that the above written particulars are true and constant to the best of my knowledge and belief.