RESUME

**ANANDAM BOORA** [E-mail:anandam.br@gmail.com](mailto:anandam.br@gmail.com) Mobile:9346116230.



# TECHNICAL SUMMARY

Electronics and telecommunication engineer with around twenty years of good hands-on experience in system Design, testing, production & Quality Assurance activities, with profound knowledge of SDLC & Software Testing Life Cycle for various solar based and telecom products like LED lights, SSL, HLS, LED bulbs, PCOs, CCB’s, LCM’S, Call

diverters and Wireless communication products like FCT’s, GSM payphones Signaling and in architectural related environments.

This excellent exposure includes in Manual & Automated Testing of applications with the SIMCOM/WAVECOM /PIML WISM quik Q2403 series GSM/GPRS version Modules,

and MSP/MCUs.

Strong in basic electronics, to understand board schematics (ORCAD), CADSTAR / PADS PCB layouts. As a part of electronic Hardware circuit design development, have good

skills in use of Digital storage oscilloscopes, Signal Generators, Logic Analyzers, Function Generators, SPL Meters, DVMs, LCR Meters, Tachometers, Lux meters and DB meters.

Good knowledge in high speed board testing & Trouble shooting and qualification activities like DVT, EDVT, EMI / EMC.

Good experience in Dialux simulations for street lights in various road ways to know the lux levels.

# PROFESSIONAL SKILLS:

Proficient in defining & executing Test Cases, developing & maintaining Test Scripts, preparing Test Data & Test Reports and analyzing Bugs. Possess extensive experience in Black Box Testing, experience in testing activities in Functionality, Integration, Regression, System and Installation Testing.

Well versed with managing Defect Tracking System like Clear Quest. An excellent team player & independent contributor with good communication, analytical, problem solving & customer management skills.

Designing activities like circuit drawings preparation, PCB designing art works, BOM preparations like PCB BOMs, Product BOMs, Job work BOMs, Mechanical Drawing and etc.

Preparation and implementation of Product wise production process line requirements, Testing & QA process requirements and Divisions wise report requirements and complete product line monitoring requirements.

Excellent interpersonal & organizational skills, ability to adapt to changing priorities and dedication are keys to success. Workloads can be heavy, and there is considerable responsibility.

Excellent English writing & speaking skills. Developing custom built testing equipment requirements, adopting process Engineering techniques in production line & necessary test and measuring equipments and calibrations

# OPERATING SYSTEMS:

Linux, UNIX, Windows (/98/ 2000/ NT), MS-DOS.

# PRODUCT ENVIRONMENT:

LM3409/LM3429/LM3402/MPS4021/BP2808**/** PIML/WAVECOM/SIMCOM GSM/GPRS

Modules, MSP430 series Micons, C51 series Micons At8951, sync8958 & mpc89515

# OFFICE PACKAGES:

Microsoft Office tools, ORCAD and CADSTR

# EXPERIENCE SUMMARY:

# INTELIZON SYSTEMS PVT LIMITED, From Feb’13

**INTELIZON ENERGY PVT LIMITED, Hyderabad**

**To till date as Manager R&D**

**Acheivements and Assignments include:**

Completed successfully the following product designs:-

1. Li-Ion & LFP, 12V based Solar home lighting systems (Zonhome )
2. Li-Ion 3.7V based solar home lighting systems ( Zon Bulb)
3. Li-Ion battery based DC power pack MicroUPS series for 12V,9V& 5V based wifi routers
4. Lithium Ion based solar street lights from 4W to 15W,
5. LAB based solar led street lights from 9W to 40W.
6. Motion sensor based LED street lights from 20W to 50W.
7. Grid based Led street lights from 40W to 120W.
8. Micro controller based led street light with Li-Ion battery.
9. GSM based solar street lighting system with Lithium Ion Battery.
10. CCTV camera based led street lighting systems.
11. More expatriation in Dc-Dc converters (buck & Boost) which are used for battery

charging, solar charge controller circuits, led drivers & power supplies for mobile charging circuits, camera power supply circuits, wifi module power supplies.

Designing and product development of integrated solar charge controllers, Rechargeable Battery controllers, LED light dc-dc drivers. Street light dc-dc drivers, Panel light drivers,

System Integration Testing and application of SHLS, ACHLS, SOLAR Street lights, Grid bassed street lights, Emergency led lights, multi mobile chargers etc.

PCB Design art works to be carried out at third party as per layout standards PCB Design artwork layouts verifications and approvals for films and fabrication

Testing and evaluation of assembled PCBs. Product design testing and validation and preparation of the product specification sheets, DVT reports included with Thermal, Lux, and life cycle tests etc.

Preparation of product design documents, like Design Plans, Schedules, Design

inputs, Design reviews, product design outputs like Schematic diagrams, pcb layouts, net lists, BOM list, circuit description, assembling and wiring details mechanical drawings, user manuals, operational and installation manuals, product quality manual, production line process requirements.

Performing New Feature Testing that includes owning a New Feature for its Testing.

Reviewing the Requirement Coverage, preparing Testing Strategies, writing New test cases, planning for Lab Resources and executing the Test Cycle.

Responsible for the Regression Testing that includes Distribution of Test Cases and preparing Test Suite.

Creating Test Plans and Test Suites for execution Cycles.

Responsible for the setting-up the Lab Health, execution of Cycle Status and tackling issues faced by Team Members.

Planning the Execution Cycle, Effort Estimation, and managing Resources. Responsible for various types of testing that includes Call Processing and Operation & Maintenance.

Performing Automation for the Legacy Test Cases and for Regression Suites.

Responsible for the manual testing that needed to be done to catch field-like Bugs at System Testing Level and for New Feature Test Cases.

Responsible for the preparation, set-up and execution of Test Cases and Test Suites.

Using Testing & Simulation Tools both Proprietary and Third Party provided. Carrying out the Test Procedures and Test Case Execution and Report Generation.

Upgraded Software’s and Hardware’s like Change Deliveries and Change Notes in Reporting the Problems, provisioning Network Elements and in the maintenance act.

# PREVIOUS ASSIGNMENTS

**July’10- Jan’13 with EPE industries India Pvt. Ltd., Hyderabad, As Manager R&D**

**April’09- June’10 with HRMS Technologies, Hyderabad,**

**As Manager Operations**

**July’01-March’09 with METASUN Telecom Pvt. Ltd. Hyderabad, As a Manager R&D**

**Sep ’99-June.’01 with METASCAN Electronics and Communications Pvt. Ltd.**

**Hyderabad,**

**As Sr. R&D Engineer & Operations**

**May.’96-April.’99 with Atlanta Systems, Hyderabad, Sr Testing Engineer-Testing Department**

**March.’91-April.’96 with Pacific Telecommunications and Instruments Ltd., Secunderabad.**

**As Testing Engineer-Testing Department**

**ACADEMIC DETAILS:**

**Diploma in Engineering(D.E.C.E), in Electronics and Communications - from State Board of Technical Education and Training A.P., Hyderabad in 1990.**

**Diploma in Computer Applications (D.C.E) - from The National Small Industries Corporation Ltd.( A Govt. of India Enterprise) Hyderabad in 2001.**

**PERSONAL DETAILS:**

Name Boora Anandam

Date of Birth 27th July,1967

Contact details H. No. 5-19/2, Plot No.46 RajiReddy Nagar, Dhammaiguda Hyderabad (A.P), Pin-500083.

Marital Status Married

Languages known English, Hindi, Telugu

# REFERENCES:

**1**. **Mr**. **Muga Nageshwar, 2. Mr. Adhitya Nallanichekravarthula,**

**Contact No.9866520805,** C**ontact No. 9866699297,**

**Schneider Electric, BLR**

**3. Mr Y RamaRao,**

**Contact No.9440685135;**

**Elite circuits& Technologies,**

**Kamala Nagar, ECIL.**

I look forward to hearing from you and shall be happy to furnish any further information or References required.

# Place: Hyderabad, Date: 20-09-2022

**ANANDAM BOORA**