



# ANDE AKHIL

Skilled Hardware Engineer proficient product testing and design, quality assurance and manufacturing procedures. Demonstrated success working with marketing and other departments to product successful products. Ready to bring 3 Years of Design and testing Experience to Bharat Electronics Limited.

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## Experience

MAR 2020-TILL NOW

**Hardware Engineer/Aeronautical Development Agency, Bangalore**

### Responsibilities:

- Testing and troubleshooting of COCKPIT INTERFACE UNIT and System level testing.
- MATLAB code for 1553B bus data and plots.
- Documentation of CIU MK2

NOV 2018 –NOV 2019

**Deputy Engineer/Bharat Electronics Limited, Bangalore**

### Responsibilities:

- Supporting Hardware Testing and analysis of Power Amplifiers and FAT.
- Applied Mathematical skills and understand of engineering principles to design new products tools and systems.
- Performed tolerance analysis to ensure success in high-volume EVM Manufacturing.
- Generating the Daily Work flow, Material reports.
- Hands on experience Analog Design and analysis involving OP-AMPs, ADC, DAC etc.
- Tested feasibility, design, operation and performance of Calibration equipment, Components and Systems.
- Oversaw work of direct report of engineers, including problem-solving quality assurance validation.
- Used SAP and CAD to draft assemblies, models and other technical drawings.
- Read and interpreted blueprints, technical drawings, schematic computer-generated reports.
- Testing of RF Components like filters, Power dividers & switches Various Sub systems.
- Testing of COMINT & ELINT Sub Systems like Receivers, UAV PAY LOADS.
- Working Experience on Vertical Network Analyzer, Signal generators, Pulse Generator and Spectrum Analyzer.
- Hands on Experience with Oscilloscope and DSO.

- Testing and troubleshooting of PCBs.
- Worked on Linux (Ubuntu 14.04) Operating System.

**MAR 2018–NOV 2018**

**Contract Engineer/Bharat Electronics Ltd, Bangalore**

**Responsibilities:**

- Working Knowledge in converting Hardware requirements to realizable circuit blocks, Circuit design, Component Selection and Interface design.
- Physical Hardware Testing capability. Analog design and Analysis.
- Hands Experience on Followed quality standards and procedures to minimize shipment errors and maximize the customer satisfaction.
- Hands on Experience of VSWR Measurement and Antenna Parameters Tested.
- Working Knowledge on High End Receivers.

**JAN 2017–JAN 2018**

**Graduate Apprentice Trainee /Bharat Electronics Ltd, Hyderabad**

**Responsibilities:**

- Worked with Air Force Customers to understand requirements and provide exceptional quality.
- Managed and archived quality documentation and participated in internal and external quality audits.
- Product testing and troubleshooting. Fault finding and resolution experiencing Electronic equipments.
- Provided observation, took measurements and performed tests at various stages according quality control plan.
- Worked for Army Ground Base Receivers.

**DEC 2014–DEC 2016**

**System Engineer /Polygon Solutions Ltd, Hyderabad**

**Responsibilities:**

- Checked with employees about existing systems and preferences to optimize updates and ensure success.
- Provided outstanding helpdesk service and support to customers.
- Coached telecommuting employees on best methods to handle network problems at locations.
- Conducted field visit and met customer for business development.
- Working experience on networking based projects.

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## Education

**JUN 2014**

**B Tech, Electronics and Communication Engineering/T P C E, Kazipet**

- Jawaharlal Nehru Technological University, Hyderabad.
- Aggregate - 73.10%.

**APR 2010**

**12<sup>th</sup> Class, MPC/APSWS Junior College, Ghanpur (Stn)**

- Board of Intermediate Education, Andhra Pradesh.
- Aggregate – 74.99%.

**MAY 2008**

**10<sup>th</sup> Class/Zilla Parishath Secondary School, Velair**

- Board of Secondary Education, Andhra Pradesh.
- Aggregate - 72.00%.

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## Skills

- SAP
- Mat lab
- VHDL
- Basics on Lab view
- CCNA
- Project Management
- Time Management

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## Languages

- English.
- Hindi.
- Telugu
- Kannada