

# RESUME

**N BALA ANKAIAH**

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## CAREER OBJECTIVE

To seek the promising career in an organization where my skills and experience can be effectively utilized and can learn the new technologies.

## PROFESSIONAL EXPERIENCE

- I am working as **Project Graduate Trainee** in Centre for Electromagnetics (CEM) Division, **National Aerospace Laboratories (NAL)** since June 2013. I am involved in study of different algorithm techniques for integrated adaptive antenna array system.  
Softwares: FORTRAN and C++  
Research Areas: Adaptive Arrays, Phased Arrays.
- I worked as **Trainee Engineer** in **Southern Electronics (Bangalore) Pvt. Ltd. (R&D Division)** from May 2012 to June 2013. I am concerned with debugging and testing of PCB and design schematic diagrams using OrCAD. Actively involved in complete project life cycle starting from user requirements to development, testing and qualification

## Project Highlights

- ◆ **Project: RADAR Proximity Sensors**  
Client: Southern Electronics (Bangalore) Pvt. Ltd. (R&D)  
Description: It detects objects up to set distance, ignoring objects beyond the set point. It operates at 24GHz up to 15mtr distance and detects moving or stationary objects.
- ◆ **Project: Three Phase Inverter**  
Client: Hindustan Aeronautics Ltd. (HAL)  
Description: This inverter will generate 115V, 400Hz in three phases by using 230V, 50Hz power supply. In this system voltage selection is available like 70V, 75V, 80V. This system is mainly used for checking Gyroscopic Horizon by using this system output.
- ◆ **Project: Test Bench for Directional Gyro**  
Client: Hindustan Aeronautics Ltd. (HAL)  
Description: This system is electrically operated for checking the gyroscopic instruments. It is used for testing, trouble shooting and fault diagnosis/rectification of Gyro magnetic compass.  
This GMC is fitted in Helicopters and Aircrafts to aid aircrew during flights under IFR conditions.

## EDUCATIONAL QUALIFICATION

- B.Tech (2012) in Electronics and Communication Engineering, from Acharya Nagarjuna University(AP) with aggregate 82.6%
- Higher Secondary Education (Intermediate) in 2008 89.5%
- Secondary Education (SSC) in 2006 83.3%

## Internship Program

**Title:** Study on Engine Simulator of Jaguar Aircraft

**Description:** The aim of the project is to measure the following parameters NL speed, NH speed, Solenoid Voltage, Solenoid Current and TGT measurement. And also the injection parameters are NL Inject and TGT Inject of the Adour MK 804, MK 811 engines for the test.

**Industry:** Aircraft Division, Hindustan Aeronautics Ltd. Bangalore

**Duration:** 1 Month

## SOFTWARE SKILLS

Languages:	FORTRAN, C, C++
Software Tool:	OrCAD
Operating System:	Windows 2000/XP/7

## ACHIEVEMENTS

- Achieved 2<sup>nd</sup> Prize in National level project exhibition on “Finger Print Based Voting System”
- Achieved 3<sup>rd</sup> Prize in National technical symposium on “Urine Activated Paper Battery for Bio systems”

## STRENGTHS

- Determined to learn with practical approach
- Good Communication skills
- Enthusiastic and can produce results under deadline conditions

## Declaration:

I hereby declare that the above mentioned information to be true to the best of my knowledge.

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