

NIROJAK

Contact: +91 8098340461

Email: niroshobi05@gmail.com



CAREER OBJECTIVE:

To pursue a challenging career and be part of progressive organization that gives a scope to enhance my knowledge and skills towards the growth of the organization.

PROFESSIONAL SUMMARY:

- Overall 1 year of experience in Development Team.
- One-year experience in Independent Verification and Validation of Avionics software.
- Expertise in **DO-178B/C** guidelines and software development for safety-critical airborne systems.
- Good knowledge in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).

WORK EXPERIENCE:

- 1) November 2022-till date, Working as a **SOFTWARE ENGINEER** at “Processware Systems, Ltd”, Bangalore.

PROJECT SUMMARY:

Client: Electronics & Radar Development Establishment (LRDE), Ministry of Defense, Govt of India, Bangalore.

Project: AESA Radar

Project Description: Active Electronically Scanned Array (AESA) radar is a multi mode, solid-state active phased array fire control radar with scalable architecture that can be adapted for various types of fighter class of aircraft. The radar features include wide band RF front end, ultra-low antenna side lobes, frequency and waveform agility, jammer suppression, Low Probability of Intercept and Non Co-operative Target Recognition. It is capable of tracking multiple targets with high accuracy suitable for firing missiles with interleaved modes for all terrain operation.

Responsibilities:

- Verification of Software Requirements Specifications with respect to System Requirements.
- Involved in Hardware/software Integration testing based on software requirements.
- Execution and validation of test cases based on Software test description.
- Prepared Software Test plan documentation.
- Performed requirement traceability matrix.
- Maintaining defect tracking defect.
- Review and analysis of code coverage report (static and dynamic analysis).

TECHNICALSKILLS:

Operating system: Windows10.

Documentation: MSOffice.

Tools: LDRA.

Guidelines: DO-178B/C.

EDUCATIONALQUALIFICATION:

Sl.no	Qualification	Board/University	College/Institution	Yearof passing	%/CGPA*
1.	B.Tech(IT)	Anna University, Chennai.	Vivekanandha College Of TechnologyFor Women,Namakkal.	2022	8.2*
2.	12 th	State	Malar Matric.Hr. Sec.school, Namakkal.	2018	59%
3.	10 th	State	Malar Matric.Hr. Sec.school, Namakkal.	2016	91%

CERTIFICATES:

- ✓ Course Certificate Introduction to C in Sololearn by self-Learning Online.

PERSONALPROFILE:

Name: Niroja K

Date of Birth: 05-06-2001

Father's name: Krishnavadivel K

Hobbies: Collecting pictures, Cooking, Dancing.

Linguistic Abilities: Tamil, English.

Permanent Address: No.3/253,Perumampalayam, Keelsathampur(Post),Namakkal(Dt),TamilNadu 637207.

DECLARATION:

I hereby declare that the above given data are true and correct to the best of my knowledge and belief.

Place:

Signature

Date: