

# RAGHUVeer CHINTAKUNTA

Mobile: +91 9966435858

email: raghuveer.chin@gmail.com

---

## Professional Objective:

To work in a dynamic organization that provides continuous challenges and uses my engineering skills and experience to enhance the company's value. I flourish as a team player and I prefer roles that require analytical, technical and interpersonal skills.

## Professional Summary:

- A professional with 8 years of experience.
  - Over 6+ years of experience in python development.
  - Knowledge on Design Patterns, Data Structures and Algorithms and OOPS concepts.
  - Active member in participating coding contests across the organization.
  - Key contributor in automating the verification environment using Python scripting.
  - Developed tools using python to automate tasks in the team.
  - Developed new features in the program using MBD and C programming.
  - Certified SAFe 4 Scrum Master in August 2019
  - Worked as Scrum Master for one of the Agile team in RTSA.
  - Involved in SOI audit document preparation and RFS activities. Involved in addressing IOU's from the previous SOI audit. Interacted with the TCR to address the findings/questions/observations of TCR.
  - Helped the team to develop good collaboration across the globe.
  - Responsible to get Quality metrics for the team.
  - Coordinated work assignments for the diversified team with the mixture of experienced and new Engineers.
  - Positive and receptive attitude towards the changes in the Industry.
  - Quick learner and ever eager to be involved in a good work environment.
  - Predominantly involved in technical discussions with team members.
- 

## Work Experience:

Rockwell Collins India Pvt Ltd., Hyderabad  
Position: Senior Lead Engineer

Jul 2012 – Till Date

---

## Academics:

- M. Tech Artificial Intelligence from Hyderabad Central University (8.84 CGPA).
  - B. Tech Computer Science and Engineering from CVR College of Engineering (71.46%)
- 

## Skill Sets:

Concepts	: Object Oriented Programming, Design Patterns
Operating Systems	: Unix, Windows
Languages	: C & Data Structures, Java, Haskell, C++
Tools	: Clear Quest, DOORS, JIRA, Matlab
Peer Review Tool	: PREP, Crucible
Scripting Languages	: Python, Perl (Beginner)
Client Server Application	: Socket Programming
Communication Protocols	: ARINC661, ARINC 429, AFDX, TCP IP
Structural coverage Tools	: VectorCAST
Avionics Guidelines	: DO178B, DO178C
Configuration Management	
/Tracking Tools	: SVN subversion, Jenkins
Database	: Oracle, MongoDB

---

## Project Experience:

### Current Project:

### Radio Tuning System Application (RTSA)

Execution Place: Rockwell Collins Inc  
Duration: July 2012 - Till Date  
Technologies and Guidelines: C, DO-178B/DO178C, lynx, Python, Matlab

As the technology evolves, the Avionics industry tends to use software to reduce the Pilot's efforts. RTSA is the avionics software which is part of Fusion product line that eases the pilots to tune the radios instead of tuning manually.

### Responsibilities:

1. Testing of software requirements (High level to low level as per DO 178B/C Guidelines).
2. Setting up the verification environment for various programs.
3. Maintaining Quality metrics for the team.
4. Scrum Master and mentoring team.
5. Developing features and fixing Open Problem Reports.
6. Involved in RFS, Structural Coverage Analysis & Foot Print analysis.
7. Involved in developing Product line utilities using Python.
8. Involved in writing new High Level and Low Level Requirements for new features

9. Involved in planning verification tasks
10. Worked as POC for various tasks in Verification and Development tasks.
11. Various activities in the software life cycle such as SCA, RFS, SOI #2, 3 and 4 as per Do-178B/C Guidelines.
12. Automation of verification test procedures and other verification tasks.

### Project #2:

#### **Haskell Tableaux**

Execution Place:     Hyderabad Central university  
Duration:             June' 2011 to Jan' 2012  
Technologies used:   Haskell

**Description:** Haskell tableaux is a Modal Logic Tableaux Prover, an automated theorem prover for Modal Logic. A statement is given as an input to the system and the system checks whether the statement can be derived from the database. Here we use primitive rules of modal logic and the rules developed using the database to derive the given input statement.

### Project #3:

#### **Human Resource Database for Sierra Atlantic**

Execution Place:     Sierra Atlantic  
Duration:             Dec' 08 to Apr' 09  
Technologies used:   Java, Oracle

**Description:** The project involved development of a database system and a user interface for maintaining information about Human Resource in a company. It generates all kinds of reports that are needed by Human Resource Managers. The user interface was developed in Java and integrated SQL commands to access the database.

---

### **Achievements:**

- Certified SAFe 4 Scrum Master - Aug 2019.
- Received **Employee of Quadrant** – Q2, 2021
- Received **Employee of the month** for my continuous efforts.
- Part of the team which won Team award for the year 2014
- Won first prize in "**Code for Cause**" contest to code "**Ergonomic alert system**". [A windows desktop application that runs in background and pops up the Ergonomic alerts]

### **Co-Curricular Activities:**

- Volunteer of Shahayam team at Rockwell Collins
- Volunteer in Family Day Rockwell Collins (2016)

**Extra-Curricular Activities:**

- Worked as System Administrator in out Department
- Worked as Teaching Assistance in Haskell Lab
- Worked as Teaching Assistance in UNIX Lab

I hereby declare that the information mentioned in this document is correct and best of my belief.

Date

Signature