

AJITH

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Brief Overview

- **Bachelor of Engineering** in Mechanical Engineering from Arunai Engineering college, Tiruvannamalai.
- Gained exposure in Aerospace and Automotive manufacturing industries certified for **AS9100 REV D & ISO 9001:2015**, supplying products to Pratt & Whitney, Parker Aerospace, Moog, Eaton, Circor Aerospace, Ametek Aerospace, Brahmos Aerospace etc.
- Possess excellent interpersonal, analytical, troubleshooting and team building skills with proven ability in establishing quality systems / procedures and planning / managing resources.
- Result oriented professional with good oral communication and work experience of 6+ years in Leading Aerospace, Medical & Automobile part manufacturing Industries in Quality department.

Association	Tenure	Industry Type
Kun Aerospace Pvt Ltd	From 2023 Jan to Till Date	Aerospace & Defense
Staqual Precision Pvt Ltd	2020 – 2023	Aerospace & Medical
VSN Techmac Pvt Ltd	2016-2020	Automotive & non-Automotive

Core Competencies:

- Having 3+ years' Experience in **FAI** – First Article Inspection As per **AS9102 Rev C**.
- Having 1 year of Experience in **LAI**- Last Article Inspection As per **AS9102 Rev C**.
- Having 3 years' Experience in **DISCUS & Q-PULSE** Ballooning Software's.
- Having more than 3 years' experience in **NET-INSPECT**.
- Good Knowledge on **AS13100 (AESQ) & AS9100** Quality Management System.
- Having 1 year of experience in **SAP**-System Analyzing & Processing.
- Good Knowledge on **GD & T** – Geometric Dimension & Tolerancing.
- Good Knowledge on Special Process Like **ANODIZING, ENP PROCESS & PASSIVATION**.
- Having 5 years' Experience on **6 σ - Six Sigma**
- Good Knowledge on **CMM** – Coordinate Measuring Machine.
- Having more than 4 Years' Experience on Automotive Core Tools:
 - **PFMEA** - Process Failure Mode and Effects Analysis
 - **PPAP** - Production Part Approval Process
 - **MSA** - Measurement System Analysis
 - **SPC** - Statistical Process Control
 - **APQP** - Advanced Product Quality Planning

Skills:

- ▶ PPAP & FAI Verification ▶ Problem Solving ▶ Supplier Process Validation ▶ Decision Making
- ▶ MS Office ▶ Lean Six Sigma ▶ Continuous Improvement ▶ Process Approach ▶ RCCA
- ▶ Customer Handling ▶ Team Management ▶ SAP Quality Module ▶ SCAR

Total Experience: 6+ Years (Aerospace, Medical and Automotive Industries)

Professional Experience :

Kun Aerospace Pvt Ltd from January 2023 onwards

New Product Development:

- ◆ Reviewing the customer's specifications, drawings, and standards to comprehend the requirements.
- ◆ Gathering all relevant documents such as engineering drawings, bills of materials, and specifications necessary for the inspection.
- ◆ Developing a detailed plan outlining the methods, equipment, and criteria for the inspection.
- ◆ Maintaining detailed records of inspection results, deviations, and any corrective actions taken during the FAI.
- ◆ Compiling all inspection records, reports, and supporting documents into a comprehensive FAI package.
- ◆ Reviewing the compiled FAI package for accuracy and completeness.
- ◆ Reviewing the **PPAP** Documents such as **PFMEA, WIS, CONTROL PLAN, MSA, SPC, PROCESS FLOW & PSW** to Submit Customer Approval.
- ◆ Conducting the Meeting to Convey Quality Related Critical Requirements to The Production Team.
- ◆ Inspecting the New Part as per Customer Drawing & Special Requirements.
- ◆ Preparing **FAIR** as per **AS9102 REV-C**.
- ◆ Creating & Submitting **FAIR** Thru **NET-INSPECT**.

Equipment's Handling:

- ▶ **2D-Height Gauge** – Mitutoyo
- ▶ **Image Dimension Measuring System** - Keyence
- ▶ **Profile Projector** – Mitutoyo
- ▶ **Contour Graph** – Mitutoyo & Zeiss
- ▶ **Video Measuring System** – Rapid-I
- ▶ **Surface Roughness Tester** – Zeiss & Mitutoyo
- ▶ **ID Calipers** – Mitutoyo & Kroeplin
- ▶ **Vernier & micrometer** – Mitutoyo, sylvac & Insize

Staqual Precision Pvt Ltd from February 2020 – January 2023

Standard Room Quality:

- ◆ Develop, update & implement quality systems & procedures in the lab.
- ◆ Ensure that the tests & the test methods are followed as per the company specifications, Measurementsystems for different test equipment's.
- ◆ Preparing & implementing the calibration schedules for the different equipment in the lab
- ◆ Hands on Experience in Handling Standard room Equipment's & Metallurgical Equipment's:

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|-----------------------------------|---------------------|
| ▶ Profile Projector | - Omega Metrology |
| ▶ 2D Height gauge | - Tesa, Electronica |
| ▶ Bore Dial | - Mitutoyo |
| ▶ Vernier & Micrometer | - Mitutoyo |
| ▶ Contour | - Zeiss |
| ▶ ID calipers | - Kroeplin |

New Product Development:

- ◆ Preparing the Ballooned Drawing Using **DISCUS & Q-PULSE** Software's.
- ◆ Preparing **FAIR** as per **AS9102 REV-B**.
- ◆ Preparing **PPAP** Documents Level 4.
- ◆ Preparing & Submitting FAIR Thru **NET-INSPECT** for Customer Approval.
- ◆ Preparing & Submitting **RCCA** For Rejected Parts.

In process Quality Control:

- ◆ Understanding the drawings and inspecting the parts as per drawing and customer requirements.
- ◆ Development & updating of FMEA with respect to New Processes, Product & changes
- ◆ Operator training for quality, quality system and Lab activities.
- ◆ Calibrations, verification's and MSA.

Product Quality:

- ◆ Reporting discovered defects to all relevant departments for correction
- ◆ Communicating with other departments such as project management and engineering to coordinate scheduling for QA testing
- ◆ Manage the monitoring, measurement, and review of internal processes, especially those that affect the quality of the organization's products.
- ◆ Conduct periodic management review meetings.

Customer Quality:

- ◆ Customer Complaint Handling and analysis, follow-ups. Ensure corrective actions are taken & 8D report is given to customer within stipulated time
- ◆ Communicating the customer complaints to shop floor people
- ◆ Customer Specification change review implementation & Production approvals / PPAP updating.
- ◆ Active participation in CFT activities
- ◆ Provide quality awareness training to new employees.

Database Management: -

- ◆ Creating FAI Thru **Net-Inspect**.
- ◆ Ballooning the drawing using Q-PULSE produce management software.
- ◆ Mapping all Process and final inspection plans with The Software.
- ◆ Uploading the Final inspection reports to the database

VSN Techmac Pvt Ltd from Aug 2016 – Oct 2019

- ◆ Conducted Measurement System Analysis studies that resulted in improvement of measurement system and reliability of measurements.
- ◆ Analyze & resolve the problems found in Fixtures.
- ◆ Analyzing the Dimensional, Geometrical & CTQ parameter by using co-ordinate measuring machine reports (CMM).
- ◆ Analyzing and identifying the root cause for the complaint received from the customer and able to give corrective action within 24 hrs.

- ◆ To control, calibrate and maintain inspection, measuring and test equipment's.
- ◆ To identify & record the problem related to product, process and quality system and initiate the corrective action for the same.
- ◆ Preparing the documents for shipments.
- ◆ Conduct periodic Management Review Meetings.

Scholastics

B.Eng. in Mechanical Engineering from Arunai Engineering College, Tiruvannamalai (2012-2016)
Secured 63.40%

Languages

▶ Tamil Native or Bilingual Proficiency	▶ English Full Professional Proficiency	▶ TELUGU Limited Proficiency
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Soft Skills

▶ Communication ▶ Teamwork ▶ Work ethic ▶ Adaptability ▶ Time management ▶ Problem solving

Interests

▶ Learning new skills ▶ Innovative thinking ▶ Technology advancement ▶ Travel & Exploring

Personal Dossier

Name : Ajith
 Passport No : **P1643498**
 Date of Birth : 07-Apr-1995

Declaration:

I hereby declare that all the above stated information is true and correct to the best of my knowledge.

Place :

Date :

Signature

(Ajith)

