

ALTHAF MOHAMMAD

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JOB OBJECTIVE

A dedicated & knowledgeable administrator, in quest of assignments in **Research & Development/ Application Engineering** with an organization of high reputation.

PROFILE SNAPSHOT

- A Budding professional with over 7 years of experience in Design, Analysis, Research and Development in the field of CATIA, Aerodynamics, CFD(Computational Fluid Dynamics)
- Quality Control Engineer, Quality Management, Quality Engineering, AS9100, ISO 9001, Quality Systems, Aerospace, Aeronautical, CATIA
- Technical expertise entails Lab-View Programming for real time Data acquisition. Ansys Fluent Ansys CFX. AutoCAD, CATIA. Well versed with CFD Coding
- Well-versed knowledge of ICEMCFD Meshing Structured and Unstructured. CFD Pre and post processing with Validation results.
- Good 2D/3D simulation and modeling, Well-versed knowledge of CATIA software and Ansys Fluent
- CATIA Sketcher, Part, Assembly, Surface, Bill of material(BOM), Generative Shape Design (GSD), GD&T, Surface and Composite
- Sound knowledge of Aerospace Structures, Computational Fluid Dynamics, Aerodynamics, Wind Tunnel Testing and Aircraft Systems
- An effective communicator with good planning, problem solving and analytical skills
- Expertise in managing entire operations with key focus on top line & bottom line profitability by ensuring optimal utilization of resources
- CATIA Professional Certification under process

ACADEMIC QUALIFICATIONS

- **M.Tech. Aerospace Engineering** from Institute of Aeronautical Engineering, Dundigal, JNTU Hyderabad in 2011
- **B.Tech. Aeronautical Engineering** from Institute of Aeronautical Engineering, Dundigal, JNTU Hyderabad in 2008

EMPLOYMENT DETAILS

May`18 to Present	Pioneer Design and Engineering Pvt Ltd,	Project Engineer
Sep`13 to Apr`18	Defence University, College of Engineering,	Research
	Associate/Assistant Professor	

IT SKILLS

Operating Systems:	MS Windows 98/2000/XP/Vista and Linux
Languages:	Python, C, C++ and MATLAB
Design Packages:	AutoCAD and CATIA V5
Analysis Packages:	ICEMCFD, ANSYS Fluent & ANSYS CFX, ANSYS workbench, Hypermesh CFD++, Tec Plot and Lab View

CERTIFICATIONS

- Advance CFD at Aeronautical Society of India, Bangalore 2011, learnt about the code writing on 2D grid generation and writing NS solvers
- CATIA (Modeling, Surfacing, Assembly & Drafting) at Central Institute of Tool Design, Hyderabad
- Has undergone Training at National Instrumentations LabVIEW Core1 and Core2 from 11th to 15th September 2017, Bangalore

PUBLICATION

- "A Computational Study of Vortical Flow Structures over a Compound Delta Wing – Body Configuration" - Sameer Karania, Althaf Mohammad, Satya Prakash, 14th at AeSI Annual CFD Symposium on August 10-11, 2012, Bangalore
- "Unsteady Flow Over an Oscillating Airfoil" - Althaf Mohammed, Anton Savio Lewise, International Conference on trends in Mechanical, Aeronautical, Computer, Civil, Communication and Electrical Sciences, Volume 4, Special Issue 3, February 2014, page numbers 347-351, on 19th and 20th February 2014, Tamil Nadu India. Journal Impact Factor of 4.027

MEMBERSHIP

- ASQ(American Society for Quality) **Full Member Number 65714983**
- AeSI (The Aeronautical Society of India), **G-11987**
- Life Member of ISTE (Indian Society for Technical Education), **LM 85874**

EXTRAMURAL ENGAGEMENTS

- Actively participated in Aerodyne 2k6 in Aero Modeling Category and bagged 1st prize
- Bagged 2nd position in All India, Hovercraft competition in Shaastra held at IIT Madras in 2007

CONFERENCE ATTENDED

- 58th International Astronautical Congress held at Hyderabad, India during September 24th -28th, 2007
- 7th Annual Infectious Diseases Society Conference CIDSCON 2017, at Nagpur from 18th to 20th August 2017

Declaration:

I do here by confirm that the information given in this form is true to do the best of my knowledge and belief.

Place: Bangalore