

MEENU SATIYA

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EDUCATION

Anticipated Dec 2017	NORTHWESTERN UNIVERSITY	Chicago, IL
	Candidate for Master of Engineering Management	
Dec 2008	AERONAUTICAL SOCIETY OF INDIA	New Delhi
	Bachelor of Engineering- Aeronautical	

EXPERIENCE

2012-2016	AIRBUS	Bangalore
	Task Leader, Airbus Commercial, 2014-2016	
	<ul style="list-style-type: none">• Led a transnational team of 12 subcontracted engineers delivering over 10000 3D equipment models for installation purpose in all airbus aircrafts.• Collaborated with 800 suppliers and 400 design engineers for clear explanation of requirements of the equipment installation process for the aircraft which helped in improvement of the equipment installation activity by 13 percent.• Enforced effective monitoring and control, continuous reporting and feedback sessions.• Wrote technical specifications for the suppliers and ensuring the technical capability of the supplier• Involved in the process of suppliers selection and negotiations.• Worked together with european colleagues to find and design 3D printable solutions for three different aircraft components, was awarded for the contribution and successful designing of the components.• Volunteered for balance of business community project for creation of website for 3D printed non flying parts while working on multicultural team of colleagues around the world.	
	Senior Engineer- Airbus Defense and Space,2012-2014	
	<ul style="list-style-type: none">• Development and implementation of stress check tool for ease in stress analysis and immediate results. It included the application of methods mentioned in the handbook of structure design (HSB) and engineering science data units (ESDU) in the software.• Development of Matlab code for analyzing sensor data to detect structural damage. Included the interaction between Matlab and Oracle database to handle and analyse the big data of the sensors.• Mentored new employees joining from IIT to accommodate in corporate culture.	
2010-2012	TEXTRON-CESSNA AIRCRAFTS	Bangalore
	Stress Engineer	
	<ul style="list-style-type: none">• Performed stress analysis of aircraft structural components using strength of material methods.• Prepared stress substantiation for drawing reviews, engineering change and repair of aircraft structural parts.• Evaluated margin of safety mapping for structural components for new product development required for design and manufacturing of the components.• Prepared the inspection and analysis reports for aging aircrafts for FAA purpose.• Onsite training in Wichita to understand the complete aircraft manufacturing process.	
2008-2010	CCADD-National Aerospace Laboratories	Bangalore
	Stress Engineer	
	<ul style="list-style-type: none">• Joined as an intern and could convert the opportunity to become an employee of subsidiary.• Carried out stress analysis of structure components using analytical approach for jets.• Interaction with employees of other company to build a five seater business jet in collaboration.• Prepared stress reports for DGCA aircraft certification purpose.	