Shahfaisal

[Shahfaisal.361746@2freemail.com](mailto:Shahfaisal.361746@2freemail.com)  



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| **Career Objective** |  |

A well maintained, highly motivated, result oriented creative visionary seeking a challenging career as an Aerospace engineer, preferringto work on a large scale with an exceptional ability to communicate and excel through hard work, research, skills and perseverance. Successfully worked on engineering projects, controlling them in terms of time, cost and quality, thereby ensuring that project task are correctly interpreted, planned and delivered to the customer specification. Currently looking for a suitable Aeronautical engineering position with an ambitious company to provide results and serve according to their demands.

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| **Academic Credentials** |  |

* **MBA (Airline & Airport management)** **2016**

National Institute of Business Management, Chennai.

* **B.Tech. (Aeronautical Engineering) - with First Class Award**  **2014**

Auroras Scientific andTechnologicalInstitute.

* **Intermediate** **2010**

Narayana Junior College, Secunderabad.

* **Secondary Education** **2008**

ST. Andrews High School, Bowenpally.

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| **Achievements & Awards** |  |

* Awarded for outstanding performance and distinction in engineering (B.Tech)
* Award for best project report in engineering(B.Tech)
* Awarded first prize in the event KNISHKA (Robotics) for SPLIZEN 2012 Organized in NRI institute of technology.
* Contributed in the 2k walk organized as a part of the street Cause-Help a school campaign at Jalavihar, necklace road on 14th April 2013.
* Participated in paper presentation at National level technical symposium held on 13th and 14th, March 2012 at Joginapally B.R engineering college.
* Actively participated in different UAV and robotics workshops.
* Participated in National seminar on Aircraft design and manufacturing at Auroras Scientific and Technological institute, Hyderabad.
* Won prizes and medals in various Basketball and Football activities held during schooling and college.

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| **Courses** |  |

* Course on the basics of Geometric Dimensions and Tolerances (GD& T).
* DIY course in GAMBIT - FLUENT.
* Course on structural flow analysis ANSYS.
* Design study over AUTO CAD.
* Open Foam computational fluid dynamics analysis course.

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| **Projects** |  |

Major Project on Flow Analysis over a Missile

* Design to increase the efficiency of a Generic Grid Missile.
* Mini Project on Analysis of Landing gear strut fro stool CH701.
* Technical Project on Computational Fluid Dynamic (CFD) Analysis of a Generic Missile with Grid Fins.
* Study on Design and Analysis of a Fuselage. The goal of this project is to develop an analytic design, analysis and evaluation tool for both metal and composite fuselage configurations in Visual Basic Application in order to gain insight into the structural performance of these material classes and to estimate the weight and required structural dimensions for both aluminum and composite fuselages.
* Study project on history, classification and design of Fuselage structures, as a part of construction of a two-seater mini aircraft.
* CFD project on aero foil NACA 65(4)-421 using open foam.
* Successfully completed Project on building a two story car park at Coventry city center with Delta Affric engineering group.
* Materials project of advanced manufacturing processes and materials of a gas turbine compressor blade (high pressure compressor).
* Project Report on making Unmanned Ariel vehicle.

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| **Work Experience** |  |

**AerospaceEngineer(INTERN) JULY 2016 – DECEMBER2016**

AEROTECH Aircraft Maintenance LTD, Coventry UK

* Applying the principles of science and technology to create aircraft, components and support equipment
* Researching and developing design specifications and using computer-aided design (CAD) software to create plans
* Taking part in flight-test programs to measure take-off distances, rate of climb, stall speeds, maneuverability and landing capacities
* Resolving issues that arise during the design, development and testing processes
* Maintaining aircraft for full operation including making regular inspections, maintenance, repairs and servicing
* Measuring and improving the performance of aircraft, components and systems
* Modifying designs to improve safety features or minimize fuel consumption and pollution
* Investigating aircraft accidents
* Collating information, interpreting data and publishing the results of specific projects in technical report form
* Communicating technical and regulatory advice to clients, teams, suppliers and other professionals within the aerospace industry and presenting data to groups and individuals.

**Research AssistantJUNE - DECEMBER 2014**

* Worked as a Research Assistant at Jawaharlal Nehru Technological University **(ASTI)** Department of aeronautical engineering.
* Assisted Head of Aeronautical Engineering Department in his study of flight engines and various flows over aerofoil.
* Participated in planning meetings and data analysis
* Assisted with editing and preparation of manuscripts.
* Assisted with duties related to the production of academic journals.
* Prepared literature reviews, gathered and analyzed data
* Prepared materials for submission to agencies and foundations that fund research.
* Supervised undergraduate students working on assigned research projects.

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| **Skills & Strengths** |  |

* Strong leadership skills
* Excellent communication and interpersonal skills
* Flexible and adaptable to change
* Experience in project planning and documentation
* Able to work independently or collaboratively
* Confident with a creative approach
* Highly motivated and resourceful
* Perform quality work while meeting deadlines
* Extreme attention to detail
* Polite and humble
* Patient and reliable
* Persistent and determined
* An ability to manage multiple tasks
* Having good knowledge of machine equipment’s and their use
* Excellent management of projects in hand
* Good in cost analysis and budgeting

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| **References** |  |

To be submitted upon request.

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| **Declaration** |  |

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