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| **PERSONAL STATEMENT** |

I am an enthusiastic and motivated person always determined to achieve goals in my career, I have great numerical and judgemental problem solving skills and have applied this to my degree in Aeronautical Engineering. I am well organised with extensive hands-on technical skills gained though university and work experience. I can adapt to any environment at a work place and have great communication skills. Leading projects on my course has given me the ability to work well in a team and arrange meetings.

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| **SKILLS** |

* Engineering software: Solidworks, PHOENICS, MatLab, and ANSYS
* Knowledge gained in Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD)
* Possess technical knowledge and analytical skill
* Proficient and regular user of all Microsoft software package
* Strong written and verbal communication skills
* Professional attitude, innovative and motivational approach to work
* Possess organized work approach with honest work attitude, excellent interpersonal problem solving and cyber skills
* Self-motivated and dedicated team player by personality with excellent presentation, coordination and analytical skills

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| **EDUCATION** |

**BEng (Hons) Aeronautical Engineering (2.1) University of South Wales 2013-2015**

Successfully completed Bachelors of Engineering with overall upper second class (2:1) degree

**Final year modules:**

Finite Element Analysis Computational Fluid Dynamics

Aircraft Maintenance Management Aircraft Materials

Aircraft Structures Aircraft Stability and Control

Propulsion Individual Project (BEng)

**Final Year project: “Design of an Engine Air Intake”**

Flying Experience: Kimble’s Airfield, Gloucester, England

* As part of a course module to determine the stability and control of the flight as well as the performance.

**Level 5 BTEC Higher National Diploma in Aerospace Engineering**

**Indian Institute of Aeronautical Engineering 2011-2013**

Completed total 16 modules during diploma which includes:

Engineering Design (Merit) Engineering Thermodynamics (Distinction)

Business Management Techniques (Merit) Gas Turbine Science (Distinction)

Analytical methods for Engineers (Merit) Further Aerodynamics (Distinction)

Integrated Flight Instrument Systems (Merit)

**Higher Secondary School All Saints Convent School 2011**

Grades Achieved: 73% (English, Mathematics, Physics, and Computer Science)

**Secondary School Carmel School 2009**

Grades Achieved: 84% (English, Science, Mathematics, Computer Science, Hindi, Environmental Studies)

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| **DESIGN PROJECT EXPERIENCE** |

1. **Designing of an airfoil for a glider**

* Designing software (Solid works)
* Manufacturing aerofoil using foam as a material and carrying out bending test
* Flying test of manufactured aerofoil on glider

1. **Conceptual design of an aircraft (Group Project)**

* Initial calculation (Initial take-off weight and wing loading) and Airworthiness requirements
* Empennage design using solid works software (my individual section)
* Presentation

1. **Design of an Engine Air Intake**

* Designing of a subsonic and supersonic engine air intake using the same dimensions as that of an real time aircraft
* Designing of an engine intake model using Solidworks software
* Computational Fluid Dynamics software named ANSYS (CFX Fluid Flow) was also used for air flow analysis at different angle of attacks, Mach numbers, and altitudes.
* Formation of shock waves was also noticed in supersonic intake case.

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| **WORK HISTORY** |

**GE Aviation (Caerphilly, Wales) 2015**

* Engines technical knowledge – GE90, GP7000, and CFM56
* Harnessing, overhauling, performance testing, module inspection
* Study of compressor, combustor and exhaust nozzle
* Engine testing knowledge

**Tiger Tiger (Cardiff, Wales) 2014-2015**

* Bar tender: Serving customers, making cocktails at customer request, managing cloak room.

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| **HOBBIES & INTERESTS** |

* Interested in learning new skills, internet surfing, and manufacturing works
* Participated in inter school general knowledge exam and as an athlete
* Won inter school cricket trophy in 2011
* Best group captain awarded in 2009

**First Name of Application CV No:** **1700898**

Whatsapp Mobile: +971504753686

