

[ARYAN MILIND GOSAVI]

📍 [Leeds, LS2 9JY, United Kingdom] | 📞 [+44 7587487571] | ✉ [aryangosavi555@gmail.com] |



PROFESSIONAL SUMMARY

A motivated third-year MEng Aeronautical and Aerospace Engineering student at the University of Leeds. Experienced in Finite Element Analysis, CAD (SolidWorks), flight mechanics, aerodynamics and MATLAB through academic and industry projects. Seeking an internship to apply technical skills while contributing to real-world aerospace engineering challenges.

EDUCATION

[BEng & MEng Aeronautical and Aerospace Engineering], [University of Leeds], [Leeds], [United Kingdom] | [2023-2027]

- **Year 2 (2025):** [First Class – 76.50%]
- **Year 1 (2024):** [First Class – 75.83%]
- **Relevant Modules:** [Finite Element Analysis, Engineering Mechanics and Mathematics, Aerodynamics, Aerospace Propulsion, Computer-Aided Design (CAD) – SolidWorks, Thermofluids]

[Delhi Private School, Sharjah | [United Arab Emirates] [2009-2023]

- **Grade XII (2023):** 96%
- **Grade X (2021):** 96.8%

TECHNICAL SKILLS

- **Engineering:** [Finite Element Analysis, Flight Mechanics, Aerodynamics, CAD Modelling]
- **Software:** [SolidWorks, Abaqus FEA, Microsoft Excel, Word and PowerPoint]
- **Programming:** [MATLAB, Python (Basic)]

EXPERIENCE

Flight Dynamics and Aircraft Stability Flight Testing | Cranfield University, United Kingdom | 2026 |

- Performed flight testing aboard the Saab 340B Flying Laboratory, analysing longitudinal and dynamic stability.
- Analysed flight-test data to evaluate aircraft handling qualities and performance.

CAD Design Engineer | Gryphon Arrows, Leeds, United Kingdom | 2025 – Present |

- Produced engineering drawings and CAD documentation for UAV landing gear assemblies.
- Designed components considering manufacturability, structural integrity and aerodynamic constraints.

Engineering Trainee | Capitals Engineering Consultants, Dubai, United Arab Emirates | 2024 |

Supported on-site steel structure erection and gained exposure to structural systems, QA processes and multidisciplinary engineering coordination.

Part-Time Chess Instructor | Brainobrain International, Sharjah, United Arab Emirates | 2024 |

Delivered chess coaching to students aged 6–14, strengthening communication and leadership skills.

Aerospace Educational Programme | *Kennedy Space Center, NASA, Orlando Florida, United States of America* | 2019 |

Completed an immersive aerospace programme covering spacecraft systems, propulsion, orbital mechanics and mission operations through hands-on simulations.

ACADEMIC AND PERSONAL PROJECTS

Turbine Blade Coating Analysis Using FEA (Individual Project) | University of Leeds | 2025 |

- Performed Finite Element Analysis (FEA) on a water droplet eroded aircraft turbine blade to determine the optimal coating material and compared stress distributions and displacements across multiple coating materials.
- Suggested best coating based on simulated erosion resistance, structural performance and manufacturability.
- Presented findings in a 30-page technical report and oral presentation.

Cardboard Bridge Structural Analysis (MATLAB Project) | University of Leeds | 2024 |

- Developed MATLAB code to predict bridge failure load.
- Validated analytical results through physical testing.

Elastic Band-Powered Wooden Buggy (Group Project) | University of Leeds | 2023 |

Collaborated in a team of five to design and prototype an elastic-band-powered wooden buggy, focusing on translating conceptual sketches into a functional mechanical system.

VOLUNTEER WORK

- Volunteer, Dubai Cares – Walk for Education (Annual *Participation* till 2023)
- Emirates Environmental Group (2018 – 2020)

AWARDS AND ACHIEVEMENTS

- [International Excellence Scholarship], [University of Leeds], [2023-2025]
- [Golden Residency Visa under Distinction Student], [Government of the United Arab Emirates], [2023]
- [The Diana Award – Roll of Honor], [Government of the United Kingdom], [2018]

LANGUAGES

- English: Professional
- Hindi: Fluent
- Marathi: Fluent
- Arabic: Elementary

INTERESTS

- Competitive Chess (FIDE / AICF ID: 79514MAH2016)
- Cricket & Athletics
- Long Distance Running (Dubai Run, Dubai Marathon)