

Abinash Panigrahy

Professional Title

To be able to learn innovative concepts and ideas, also keep myself updated to the technical advancement in Aerospace sector and implement the same in an environment which has the capability to increase my technical skills for the growth of the organization and more importantly myself. I find myself highly interested in designing and my ultimate dream is to design an overall mechanical and electrical design for an Aircraft.



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8328811802

EDUCATION

Study Program

University Of Petroleum And Energy Studies

08/2016 - 05/2020

CGPA- 7.82

Courses

- B. Tech Aerospace Engineering with specialization. in avionics

Study Program

De Paul School

03/2013 - 04/2015

Percentage- 77.3

Courses

- Class XII

Study Program

De Paul School

03/2012 - 04/2013

Percentage- 81.2

Courses

- Class X

WORK EXPERIENCE

Technical Author

Capgemini Technology India Pvt. Ltd

11/2021 - Present

Bengaluru

Achievements/Tasks

- The job role is of a technical author which involves authoring and illustration for various Aircraft manuals which includes WDM, SSM, FIM, AMM, AIPC and MTCM for de Havilland Canada using Arbortext Editor and Tech Illustrator. I was in the wiring team, where I have done the analysis of modification of any wiring diagram of aircraft using engineering database information, engineering drawings also designing the same, also have done the analysis of detail, assembly and installation drawing as per the requirements. Have worked on Electrical wire harness design and have a brief knowledge about harness reports.
- Also have worked on Weight and Balance Manual where it is required to analyse the weight and CG impact for the customers requirement.
- Experienced as a technical writer for aircraft manuals. Strong knowledge of Technical Publications Aerospace Standards ATA100, ispec 2200. Experience in Creation/Revision of Wiring Diagram Manuals (WDM), System Schematic (SSM), Fault Isolation Manual (FIM), Aircraft Maintenance Manual (AMM), Aircraft Illustrated Parts Catalogue (AIPC) and Maintenance Task Card Manual (MTCM). Ability to understand and interpret engineering drawings and change drivers. Experience with Authoring Tools like SAP, Arbortext Editor and Tech illustrator. Knowledge on Simplified English standard ASD-STE 100.

SKILLS

Arbortext Editor

SAP

PDF-XChange Editor

AutoCAD

CATIA V5R20

ANSYS

NASTRAN

PATRAN

ADAMS

MATLAB

Microsoft Office Excel

Microsoft Office Power Point

Microsoft Office Word

PERSONAL PROJECTS

Minor Project- Aerodynamic characterization of NACA 0012 using stepped airfoil

- The project involved the comparison of aerodynamic characteristics of a conventional and a stepped airfoil.

Major Project- Performance comparison of satellite attitude determination and attitude estimation using non linear filters.

- The project is to design a controller configuration using different algorithms that would help in achieving specific output.

INTERNSHIPS

Ziegler Aerospace Pvt. Ltd.

Description: I have worked on various industrial projects which includes designing and cabin interior modification, placard and markings of aircrafts like Boeing 767, Boeing777 and Airbus 320, Airbus330, also I have worked on the layout of passenger accommodation on the above mentioned aircrafts. Also I have a experience on Service bulletins, GD and T and have knowledge of depth analysis of an engineering drawing.

3BRD AFS, CHANDIGARH.

Project Title: Autopilot system of MI17 Helicopter. Description: The project involved the study of controlling the trajectory of helicopter using a system.

Defense Research and Development Laboratory (DRDL), Hyderabad

Project Title: Study of System Engineering on Missiles. Description: The study mainly explores the principle of systems of engineering and the application of these principles to air and missile defense.

Moshiv Private Limited, Patna

Project Title: Marketing and advertising training. Description: I learnt how to convince customers to buy the products. Analyze the customer service practices And attitudes in the organizational culture and also identify and analyze a target market.

CERTIFICATES

Structural Design and Analysis - Certified Training in CATIA V5R20, ANSYS, Aerosphere Pvt. Ltd. (04/2018 - 04/2019)

ACADEMICS/EXTRA CURRICULAR ACTIVITIES

- Received Star Award, monthly award program in CAPGEMINI.
- Served as the Core Committee member of infinity club and participated in events like Energy bidding , obilivate.
- Secured 2nd position in water rocket competition.
- Attended a workshop on RC plane.
- Certified in CATIA V5 and ANSYS under Aerosphere.

LANGUAGES

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|---------------------------------|---------------------------------|
| English | Odia |
| Full Professional Proficiency | Native or Bilingual Proficiency |
| Hindi | |
| Native or Bilingual Proficiency | |

PERSONAL DETAILS

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|-------------------|---|---|
| Date of Birth | : | 11-04-1997 |
| Father’s Name | : | Mr. Raghubeer Panigrahy |
| Mother’s Name | : | Mrs. Susama Panigrahy |
| Category | : | General |
| Gender | : | Male |
| Nationality | : | Indian |
| Permanent Address | : | Krishnamapeta street near big bazar. |
| Phone No. | : | +91 8328811802, 9438909999(WhatsApp). |
| Mobility | : | Willing to relocate anywhere in India and Abroad. |