

ABHIJITH MADHUSUDANAN PILLAI

Flight Simulator Engineer/ Aeronautical Engineer

Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

Personal Information

Date of Birth	Aug 25 1992
Gender	Male
Nationality	Indian
Address	Vadakkemkara Veedu, Maniyar PO, Punalur, Kerala, India.
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Work Experiences

Jan 2023 - Present	Flight Simulator Engineer , Air India Ltd, CTE Campus, Hyderabad. Maintenance & Troubleshooting Of Two Airbus A 320 & One ATR Level D Simulators
Jul 2019 - Jan 2023	Flight Simulator Engineer , Mahindra Defence Systems Ltd, Airforce Station Hindon Maintenance and troubleshooting of Lockheed Martin C130-J Super Hercules Level D Flight Simulator.
Dec 2018 - Jul 2019	Assistant Technical Manager , GLS Lifts Services Co.W.L.L, Manama, Kingdom of Bahrain.
Sep 2017 - Oct 2018	Support Engineer , Smartech Solutions, Kollam.
Jun 2016 - Jun 2017	Dassault-Mirage Fighter Project (Overhauling) , Hindustan Aeronautics Limited, Bengaluru, India.

Education

2011-2015	Bachelor of Technology , Aeronautical Engineering, Jawaharlal College Of Engineering & Technology. <i>Graduated With CGPA Of 7.93.</i>
2011	Intermediate , HSS for Boys, Punalur, Kollam. <i>Passed with 92 Percentage.</i>
2009	Secondary , HSS for Boys, Punalur, Kollam. <i>Passed with 94 Percentage.</i>

Project

Study of artouste IIIB engine & rectification of jet holder leak,
HAL, Bengaluru.

Certifications

Certification on Simulator Visual Projection System |
Treality Simulation Visual System | August 2022

Personal Skills

- Excellent communication and interpersonal skills.
Strong Leadership Skills.
- Flexible and adaptable to change.
- Able to work independently or collaboratively
- Extreme attention to detail.
- Perform quality work while meeting deadlines.

Responsibilities Handled

Flight Simulator Engineer

- Performed maintenance & troubleshooting of C-130J level D simulator.
- Performing maintenance & troubleshooting Of Airbus A320 & ATR level D simulators
- Ensured ITAR compliance and overseeing important documents related to the sim.
- Running FAA Qualification Test Guides and Acceptance Test Procedure.
- Proper documentation on sim snags, fault recovery, run time and FSB.
- Performing Preventive Maintenance tasks on the Airbus A320 & ATR Flight simulators & associated simulator systems.
- Diagnosing and correcting problems on the Simulators.
- Performing preflight and post flight inspection on the simulator.
- Conducting quality control inspections and inspect maintenance work performed.

Dassault-Mirage Fighter Project (Overhauling)

- Examine Aircraft Components to ensure they are in perfect condition before installation
- Possess familiarity with Hydraulic system, Flight Control System, Landing Gear and other crucial components of fighter aircraft.
- Maintain logs of repair jobs to know when an aircraft needs a checkup again.
- Inspected frames of aircraft and reported any signs of damage to proper personnel. o Involved in the disassembling and reassembling of SNECMA M53 turbofan engine o The identification and rectification of minor engine snags.
- Familiarize with NDT Techniques..

Support Engineer

- Involved in the installation of various CCTV Systems and the troubleshooting of CCTV system failures.

Languages

Malayalam Mothertongue | **English** Advance
Hindi Intermediate | **Tamil** Basic