

# MURTHY PIDUGU

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## Profile Summary

Results-driven mechanical engineer with 17 years of experience in the aerospace sector, specialized in project management, and planning. Proven track record of successfully leading and delivering complex projects on time and within budget. Expertise in integrating cutting-edge technologies, optimizing processes, and driving continuous improvement to enhance operational efficiency and ensure compliance with industry standards. A strategic thinker with strong problem-solving skills and a collaborative approach, dedicated to achieving exceptional outcomes in the aerospace engineering field.

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## Skills

- Programme Management
- Interpersonal/Leadership
- Communication skills
- MS Projects
- Project Management
- Problem Solving

## Work Experience

**HINDUSTAN AERONAUTICS LTD.,**  
**Project Manager (ToT)**

**BANGALORE, INDIA**  
2012 – 2022

Efficiently managed medium/large scale projects, providing end-to-end support, effective reporting, and risk management. I collaborated on multi-partner projects, tracked deliverables, and fostered effective communication, demonstrating a proactive approach to continuous improvement.

- Successfully managed project management and project officer roles for medium/large scale aerospace projects, demonstrating proficiency in delivering projects efficiently and in line with governance.
- Provided end-to-end support on project deliverables, ensuring tasks were completed accurately and efficiently, contributing to the successful completion of projects.
- Collated, produced, and analyzed project management information and reporting, contributing to well-informed decision-making and progress tracking.
- Managed risk and issues for assigned projects, delivering clear communications and project support to the Project and Programme Manager(s), mitigating potential challenges and ensuring project success.
- Effectively facilitated meeting management by taking minutes, circulating relevant information, and following up on agreed actions, fostering effective communication and accountability within project teams.
- Successfully collaborated on projects involving multiple partners from industry, government, and academia, navigating diverse perspectives and achieving multi-disciplinary project objectives.
- Tracked project deliverables from multiple stakeholders, ensuring all parties were aligned and accountable for meeting project milestones and deadlines.
- Demonstrated a proactive attitude towards continuous improvement, consistently seeking ways to enhance project management processes and outcomes.

**HINDUSTAN AERONAUTICS LTD.,**  
**DESIGN ENGINEER**

**BANGALORE, INDIA**  
2007 - 2012

As an Aerothermo Design Engineer specializing in gas turbine engine compressors, I have accumulated significant experience and expertise in the design and analysis of compressor components for gas turbine engines.

- Undertaken design analysis of Gas Turbine Engine components using CFD Tools and optimized various compressor designs.
- Collaborated with various project stakeholders for product design, development, and certification in compliance with regulatory authority.

**HINDUSTAN AERONAUTICS LTD.,**  
**ASSISTANT ENGINEER**

**BANGALORE, INDIA**  
2006 - 2007

As the Hydraulics and Flight Control System Equipping Incharge, I have gained extensive experience and knowledge in overseeing and managing the installation and maintenance of hydraulic systems and flight control components in various aircraft.

- Assembling the aircraft Hydraulic & Flight Control Systems components according to the approved engineering drawings and specifications.
- Performed system-level functional checks, integrated testing, and final Flight Testing, and delivered the products within stipulated deadlines.
- Testing the aircraft to ensure that it meets all performance requirements. This includes tasks such as flying the aircraft and evaluating its handling, performance, and systems.

**ESSAR STEELS**  
**Graduate Engineer Trainee**

**VISAKHAPATNAM, INDIA**  
2005-2006

- Overall operation of the steel pellets manufacturing plant. This includes overseeing the production process, ensuring quality control, identifying and repairing mechanical problems, and performing preventive maintenance.

### **Education and Training**

**University of Edinburgh Business School,**  
Master of Business Administration (MBA)

United Kingdom  
2023

**GMR Institute of Technology, Jawaharlal Nehru Technological,**  
Bachelor of Technology in Mechanical Engineering

India  
2005

### **Additional Information**

**Interests** : Blogging, SEO, Vlogging

**Certification** : Project Management Professional (PMP)<sup>®</sup>

**Languages** : English, Hindi, Telugu