

JOEL ALEXANDER CHELLIAH

PROJECT MANAGER



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Pursue opportunities in Project Management across the Gulf region, focusing on the UAE, while leveraging a wealth of experience in defense technology and operational excellence.

EDUCATION

- Post Graduate Diploma in Aeronautical Engineering
- Bachelor of Engineering (B.E) in Mechanical Engineering

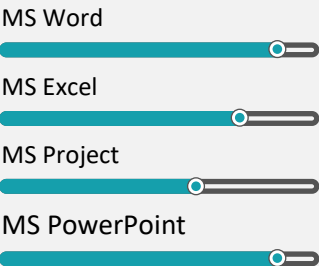
CERTIFICATIONS

- Project Management Professional (PMP)
- Certified Scrum Master
- Lean Six Sigma black belt
- Foundation Course in Facilities Management
- Business English Certification Level B2 – University of Cambridge

CORE COMPETENCIES

- Project Management Professional
- Strategic Operations Management
- Risk Management
- Policy and SOP Development
- Cross-Functional Team Leadership
- Compliance and Regulation
- Resource Allocation
- Process Optimization
- Infrastructure Development
- Maintenance Management
- Vendor Relationship Management
- Safety and Inspection Protocols

TECHNICAL SKILLS



PROFILE SUMMARY

- Gained a wealth of experience of **over 12 years** in technical operations, project management, and maintenance management specifically within the defense sector, showcasing a strong dedication to operational efficiency.
- Rich experience in leading **teams with a total of 80+ technical professionals** with diverse backgrounds, refining maintenance practices to ensure operational readiness.
- Proficient in **utilizing Project Management methodologies** like Agile and Waterfall that includes effective stakeholder engagement, and leadership of cross-functional teams, adeptly navigating complex challenges in high-pressure environments.
- Possess in-depth knowledge of advanced defense technologies and project management methodologies, **driving the successful induction, integration, and operational readiness** of cutting-edge defense systems.

ACHIEVEMENTS

- Successfully managed the **planning and execution** of operational infrastructure **projects valued at over ₹600 million** using **Waterfall Methodology**, delivering results that exceeded expectations and contributed to national defense capabilities.
- Received **commendation from the Air Defense Commander** for exemplary leadership and project execution, reinforcing the commitment to excellence in defense operations.
- Implemented innovative maintenance strategies that **reduced equipment downtime to less than 10%**, contributing to increased operational efficiency.
- Collaborated with **cross-functional teams** to restore critical communication lines, completing the project at under 80% (**Cost savings of more than INR 4.5 million**) of the proposed budget, **thereby improving the Operational Communication to 100%** and ensuring operational readiness.

WORK EXPERIENCE

INDIAN AIR FORCE | Jan 2015 – Jan 2025

Senior Technical Manager / Project Manager

- Demonstrated **leadership** in the secure transportation of **combat equipment worth over INR 2000 million** across extensive distances, ensuring compliance with safety regulations and operational protocols throughout the process.
- Engineered a decoy radar system **at INR 1 million**, applying **hybrid project management methodology** to enhance operational capabilities.
- Carried out thorough **feasibility studies** to evaluate the viability of advanced missile systems, providing critical insights that inform decision-making processes.
- Established rigorous **project tracking mechanisms** to guarantee timely completion and **optimize resource utilization**, thereby enhancing overall project outcomes.
- As the Chief of Firing Team, supervised the operations of critical equipment during live missile firing exercises, ensuring **equipment availability above 95%**.
- Devised **comprehensive operational plans** for the deployment of equipment, ensuring readiness for live firing exercises and other critical missions.
- Supervised the operations of launchers and diesel generator sets during live firing exercises, ensuring **optimal performance and adherence to safety protocols**.
- Served as the **Primary Administrative Officer**, managing personnel records, official correspondence, and inter-departmental coordination, while overseeing the discipline and welfare of a Squadron with over 150 personnel to ensure seamless operations



SOFT SKILLS

- Communication
- Problem-Solving
- Customer Orientation
- Team Leadership
- Adaptability



PERSONAL DETAILS

Languages Known: English, Hindi and Tamil

Visa Status: Visit

Joining Time: Immediate

- Facilitated regular training sessions designed to improve team proficiency, fostering a culture of **continuous learning & development** within the unit.
- Engaged in a rigorous military training program, acquiring essential **skills in operations** and aircraft maintenance.
- Participated in specialized training on Pechora Missile System launchers and diesel generator sets, gaining hands-on experience in defense technology.

SUNDARAM AUTO COMPONENTS LTD. | Aug 2012 – Dec 2014

Senior Engineer - Production Engineering

- Executed **an energy-saving project** that reduced heat loss in injection molding machines, resulting in **cost savings of more than INR 2 million** and improved sustainability.
- Developed a real-time data acquisition system for the production floor to accurately track production data.
- Developed innovative jigs and fixtures for the production of plastic automobile parts, enhancing manufacturing efficiency and product quality.
- Conducted thorough analyses to identify and eliminate waste through value stream mapping, contributing to Lean Manufacturing initiatives.
- Regularly reviewed and updated standard operating procedures (SOPs) to reflect process improvements, ensuring compliance with industry standards.



INTERNSHIP

- **Kenneth Consultancy Services, Secunderabad, Telangana, India | Jun 2012 – Aug 2012**
- **Oman India Fertilizer Company, Sur, Sultanate of Oman | May 2010 – Jun 2010**