

Professional Summary

- Mechanical Engineering professional with 20 years' experience in Maintenance and Project Management in Marine, Manufacturing, solar power and Mining industries.
- Leadership with holistic approach under pressure situations in addressing operational issues, resolving performance bottlenecks and achieving desired objectives.

Career Synopsis

- Senior Project Manager, Cyient Ltd, (Apr'15 – to date).
- Senior Project Manager, Solon India Private Ltd (Apr'14- Mar'15).
- Plant Manager, Minerals Technologies Inc. (May'11 – Mar'14).
- Engineer Material Management, Bharat Heavy Electricals Ltd. (Mar'10 – Apr'11).
- Chief Engineer Indian Navy (Feb'00 – Mar'10).

Achievements

- Developed New service lines in Data analytics & work management area during onsite stint with RioTinto.
- Appreciation from MD, Paper PCC, Minerals technologies Inc. for
 - Leadership in resolving breakdowns after start-up
 - Construction, Commissioning & Successful Startup of 2nd PCC plant
 - Support rendered to the growth of business in India
- Improved production capacity by 25% and productivity by 30% at PCC manufacturing plant.
- Completed 14 shutdown projects of ships up to 5600 tons of displacement from planning to trials.
- Received Long Service Medal, Ops Parakram Medal and President Certificate
- Tsunami-04 Relief Operations in Sri Lanka, for reopening of the Galle Port
- Survey Operations off Sumatra Island, with a small team under extreme weather conditions.

Core Competencies

- Conducting production and maintenance operations in factory with Safety as fundamental value.
- Maintenance systems development, standardization & optimization of maintenance practices.
- Scheduling preventive maintenance to increase machine up-time & equipment reliability.
- Operational Excellence, Shutdown planning & execution, productivity improvement projects.
- Data Analysis with Python / Excel to draw actionable insights for continuous improvement.
- Troubleshooting, Operations and Maintenance of Marine Diesel Engines & Propulsion systems up to 24000 HP, power generators, HVAC, Refrigeration plants, HE's, Reverse Osmosis plants, Evaporators, HP & LP Air compressors, Pneumatic & Hydraulic control systems, pumps, Agitators, centrifugal blowers, scrubbing systems, cooling towers and firefighting systems.

Professional Training / Certifications

- Machine Learning from Stanford University through coursera.
- Association of Manufacturing Excellence Conference in Toronto.
- Repair & Maintenance of Diesel, Steam & GT engines from Centre of Marine Engineering Technology.
- Advanced Mechanical Maintenance of Plant & Machinery from Advanced Technical Institute.
- Finance for Non-Finance Managers
- Unit watch keeping certificate & Auxiliary Watch Keeping certificate

IT Skills

SAS Enterprise Miner	Python	Microsoft Office package	Power BI
SAP Plant Maintenance	Octave	Microsoft Project	SQL

Education

Operations Management	Symbiosis Centre for Distance Learning, Pune.	PG Diploma	2010
Mechanical Engineering	Institution of Engineers (India)	Graduation	2010
Marine Technology	Cochin University of Science & Technology	Graduation	2006
Mechanical Engineering	DEI Technical College	Diploma	1999

Career Milestones

Senior Project Manager, Cyient Ltd (Apr'15 – to date)

- Maintenance systems development, standardization & optimization of maintenance practices in SAP.
- Expand service lines in Asset Management for mining Industry.
- Project scoping, proposal engineering, defining process & KPI's.
- Asset Criticality assessment, SAP Master Data Management and MTBF data analysis projects.

Achievements

- Developed tool to analyze big data from Auto Haul systems with SQL, Python & power BI.
- Migration of calendar based maintenance plans to performance based maintenance plans.
- Inventory optimization by SAP task list BoM standardization.

Sr. Project Manager, Solon India Private Ltd (Apr'14 – Mar'15)

- Executed multiple Single Axis / Fixed Tilt / Rooftop Solar Photo Voltaic Power projects (5 MW).
- Developed systems for effective project execution, cost control for 10MW plant in Srilanka.

Plant Manager, Minerals Technologies Inc. (May'11 – Mar'14)

- Operated satellite PCC production facility profitably with safety as a fundamental value.
- Implemented continuous improvement Operational Excellence programs 5S, Visual Management, Value stream mapping, cycle time reduction through standard work and Kaizen.
- Maintained effective control over all costs and established Plant annual operating plans.
- Drive positive change in employees while leading them towards a high-performance self-directed culture.
- Ensured tracking, daily management and use of KPI's to improve operational and business results.

Achievements

- Achieved Op Ex savings by selection of ports for raw material imports to optimize landed cost.
- Successfully qualified low-cost raw material.
- Developed Purchase policy for MTI India group with adequate controls.
- Developed Pan India Maintenance Strategy to improve maintenance management.
- Qualified critical equipment repair facilities and predictive maintenance program partners.
- Startup of production facility through construction & commissioning including recruitment & training.

BHEL-High Pressure Boiler Plant. (Mar'10 – Apr'11)

- Smooth flow of materials for Projects in coordination with Project, Production, Procurement departments.
- Established the piping store for the new production facility.
- Ensured that Standard Operating Procedure followed for material receipts, issue and accounting.

Indian Navy: Chief Engineer (CHERA) (Feb'00 – Feb'10)

Chief Engineer of Special Systems & Engineering

- Installation, Testing and commissioning of piping systems of submarine.
- Analysis of Drawings, finalization of erection drawings, Quality Assurance Procedures, Installation and testing procedures as per standards.
- Expediting production and ensure compliance of Standard Operating Procedures with proper documentation to preserve the recording of events.

Department Head - Engineering

- Leading team of 50+ engineers and technicians to keep ship Operational and available at all times by effectively drawing on the strength of team members.
- Monitoring equipment, analyzing data from logs and reports, identify equipment defects, taking corrective, preventive and proactive measures to avoid occurrence/recurrence.
- Planning and Scheduling Preventive Maintenance to ensure maximum Equipment Availability.
- Optimal Utilization of assets to ensure uniform life until Maintenance shutdown period.
- Preparing Material requirement plans, Defect lists, trial schedule and SOP's for deployments.
- Specialist group in charge for Damage Control Head Quarters in case of Fire, damage control, dry dock, beaching, special operations and daily firefighting & damage control training exercises.
- Training team on safety procedures by conducting departmental training sessions & mock drills.
- Conducting safe and successful trials with Trial agencies after major repairs / Short/ Longrefit.