

# A. Shravan Kumar

e-mail: [g17102@astra.xlri.ac.in](mailto:g17102@astra.xlri.ac.in) Mob.: +919969941801



**Marine Engineering Professional with 121 months of diverse experience in the Indian Navy.**

## ACADEMIC QUALIFICATIONS

Course	Institute/ University	Grade	Year
PGDM - General Management	XLRI – Xavier School of Management, Jamshedpur	5.814/8.00	2017-2018
B.Sc. (Marine Technology)	Cochin University of Science and Technology, Kochi	78.23 %	2003-2006
Diploma (Mechanical Engineering)	Centre of Marine Engineering Technology, Lonavla	77.38 %	1996-2000
10 <sup>th</sup> Board (CBSE)	Jawahar Navodaya Vidyalaya, Nizam Sagar	83.60 %	1994-1995

## PROFESSIONAL EXPERIENCE

**Marine Engineer, Indian Navy** **September 2006 – September 2016**

- Served onboard three major Warships (A Corvette and two Fast Attack Crafts) and India's first Indigenously built Nuclear Submarine Project
- Key Role:** To ensure operational readiness and to propel the ships
- Led marine engineering teams of 20+ uniformed men in the challenging environment
- Responsible for operation, maintenance, defect analysis and rectification of Main Propulsion Engines, Digital Controls and Sensors, PLCs, Power Generation Plants, Control Systems, HVAC, Refrigeration Plants, HP Air Compressors, Pumps, and Hydraulics

### Key Achievements

<b>Operations Management</b>	<ul style="list-style-type: none"><li>Formulated &amp; implemented new SOPs for machinery on-board the Corvette, reducing downtime by 20%</li><li>Optimized the maintenance time of Power Generators by 33% through effective co-ordination and planning</li><li>Reduced fuel consumption by 10% resulting in average annual savings of ₹ 1 crore for 3 years through efficient engine operations (Implemented by carrying gap analysis, data driven approach, tuning, and benchmarking)</li><li>Reengineered the Mid-Sea Fueling (from another ship) Process to improve intake fuel rate by 50%</li></ul>
<b>Project Management</b>	<ul style="list-style-type: none"><li>Delivered three projects (Major overhaul of machinery and systems) on schedule through effective planning, multi-agency coordination, handling bottlenecks, and precise execution</li><li>Achieved 100% Post-Refit performance of the Main Propulsion Engines through strict compliance of repairs</li><li>Conducted QA/QC and acceptance testing of eight major systems of the Submarine (US\$ 2.9 billion project)</li></ul>
<b>Supply Chain Management</b>	<ul style="list-style-type: none"><li>Streamlined the inventory of the Corvette (2000+ SKUs) and stocked 100% of critical spares by ABC Analysis, inventory control, forecasting, and timely procurement</li><li>Developed vendors for Newly built Israeli Fast Attack Craft in the absence of OEM Support; Ensured sustainable operations for 3 years by procuring essential spares</li><li>Ensured consistent availability of Low Sulphur High Speed Diesel to 95% of capacity for Warships' operations</li></ul>
<b>Crisis Management</b>	<ul style="list-style-type: none"><li>Nullified five incidents of fire and water ingress in a decisive manner, preventing damage to equipment worth ₹ 20 crores</li><li>Prevented catastrophic failure of a Main Propulsion Engine at sea by identifying a critical defect. Led cross-functional team to rectify it within 36 hours and made the ship available for Presidential Fleet Review-2011</li></ul>

Indian Navy	Corporate Equivalent
Operational Ship	Running Factory/Manufacturing Plant
Ship undergoing refit/ long haul repair	Brown-field Project
Submarine Construction Project	Green-field Project

## AWARDS & CERTIFICATIONS

<b>Awards</b>	<ul style="list-style-type: none"><li>Awarded "Best Marine Engineering Ship of the Flotilla" (Team event) for engineering excellence – 2016</li><li>Bestowed with "The Chief of the Naval Staff Commendation" for rectifying a critical defect – 2012</li><li>Awarded "Operation Tasha Medal" (2001) and "Operation Parakram Medal" (2007)</li><li>Received "Proficiency Award" for outstanding performance from Captain of the ship - 2003 &amp; 2006</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>KPMG: Lean Six Sigma Green Belt – 2017</li><li>Indian Navy: Certificate Course in Military Management (2010), Military Leadership (2004)</li><li>Indian Navy: Certificate Course in Fire Safety – 1998</li></ul>

## ADDITIONAL INFORMATION

<b>Software Packages</b>	<ul style="list-style-type: none"><li>IPMS (Integrated Platform Management System) – State of the art monitoring and control system</li><li>SLMS (Ship's Logistics Management System) – In house ERP</li><li>Advanced Excel and R/ R Studio (05 Analytics Electives)</li></ul>
<b>Languages</b>	<ul style="list-style-type: none"><li>English, Hindi, and Telugu</li></ul>
<b>Co-curricular</b>	<ul style="list-style-type: none"><li>Elected executive member of Placement Committee, PGDM (GM) 2017-18, XLRI</li><li>Received "Best Speaker Award" for public speaking during Certificate Course in Military Management - 2010</li><li>Winner of Inter-Divisional Basket Ball Championship and runner up of Inter-Divisional Hockey Championship among 1200 trainees at INS Shivaji, Lonavla -1999</li></ul>