



BRIJENDRA RAWAT

Age: 49 Years | Experience: 26 Years

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Rank: Commodore, null



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EDUCATION

- Bachelor of Technology, Electrical Engineering (Jawaharlal Nehru University, New Delhi) 1992 -1996
- Master of Engineering, Electronics and Telecommunications (Pune University, Pune) 2003 -2005
- PGDM, Technical Management (Jamnalal Institute of Management Studies, Mumbai) 2009 -2009



ACHIEVEMENT

- Flag Officer C-in-C Commendation-Devotion to Duty
- Chief of Naval Staff Commendation-Bravery
- DG Coast Guard Commendation-Bravery
- Sir JC Bose Award



KEY SKILLS

- System Design and Architecture
- Project Management
- Strategic Planning
- Contract Formulation and Negotiations
- Technical Management
- Leadership Roles
- Team Management
- AI/ML Enthusiast

26 years of work experience in various leadership roles in project management, system design and architecture of complex federated cyber systems. Good functional understanding of: o Requirement analysis, Design elaboration, Formulation of project implementation plans, Execution, Validation, Acceptance and Lifecycle support. o Simulation studies, Algorithm design, validation and testing. o Machine learning, Data Analytics and visualisation. • Good knowledge of Python, C++, RTC, SVN, MATLAB, Distributed Data System(Open Splice/ RTI).

DESIGN & DEVELOPMENT

- Led the design, development, and implementation of complex combat management systems, leveraging expertise in product line system engineering to deliver mission-critical solutions for Indian Navy.
- Led initiatives in formulation of Machine Learning algorithms for developing advanced decision support tools, to enhance situational awareness, improve decision-making capabilities, and optimize mission outcomes.
- Steered design and implementation of seamless human-system integration solutions that optimize performance/ user experience through implementation of agile practices and DevOps methodologies.
- Steered Real Time complex and federated systems development with layered architecture, utilizing DDS middle ware standard for data centric publish-subscribe communication model.
- Designed and developed state-of-the-art combat system simulator for submarines, to provide realistic training environments for operators and improve the effectiveness of Command team in achieving of mission objectives.
- Experienced in setting up development and cross functional teams for agile methodologies and promoted adoption of DevOps culture for project development.

PROJECT MANAGEMENT & LEADERSHIP ROLES

- Skilled in contract formulation and negotiations, Technical management experience of more than 10 years in spearheading maintenance & repairs, standards & policy formulation for induction, lifecycle management including modernization, and disposal strategies for electrical & weapon systems.
- Staff analysis and implementation of mitigation measures for effective deployment of technical resources and erection of repair facility for critical electrical equipment onboard ships and submarines.
- Directed operations, maintenance, and repair of complex electrical systems, ensuring maximum readiness and availability of critical equipment in high-pressure environments.
- Concluded approximately 50+ repair contracts, Annual

Maintenance Contracts (AMC) and Rate Contracts (RC) worth \$15 M through Indian and foreign shipyards & OEMs