

LT CDR BHUVAN KUMAR KUSHAL, PMP, CSM

A result-driven, collaborative leader with strong communication, analytical & management skills and a passion for producing optimized results. Seasoned professional with 02 years of IT work experience at Infosys Ltd and 10 years at Indian Navy. Experienced in Operations, Project Management and IT services.

Work Experience

Project Manager | Data Science, Indian Navy (2015 –Present)

- Led a team of 20 personnel in **designing and developing** a multi-crore worth marine forecast and 3D visualisation software for providing tactical aid to 125 Indian Naval Ships, Submarines and 09 Air Stations for operations.
- Led a team of Meteorologists to carry out **Operational Data Analysis**, post processing of Numerical Weather Prediction (NWP) model outputs, satellite data and **Machine learning** in Python for Naval operations.
- Developed and deployed SOPs and **risk mitigation** procedures/safety protocols for flooding at Port Blair International Airport (Naval Air Station, INS Utkrosh) by carrying out a detailed Analysis to ensure safety of aircrafts and assets.
- Conceptualized and led planning and execution** of a 13.5cr IT facility upgradation project.
- Planned, designed and developed a **web application** for weather data dissemination and satellite data transmission.
- Planned and executed project worth **Rs 9.2cr** for setting up of IT-based Aerodrome Meteorological instrument hub for safe flying operations.

IT Project Manager, Indian Navy (2012 – 2015)

- Spearheaded the Network Monitoring Centre of Indian Navy**, directed and led a technical team of 20 personnel to ensure seamless availability of Naval Wide Area Network and Naval Satellite communication network for all naval units including ships and establishments.
- Successfully executed the first **real-time Telemedicine trials** over GSAT-7 satellite network on-board Indian Naval aircraft carriers.
- Achieved simultaneous **overnight upgradation of network devices and protocols** across Navy and thereby reduced the downtime.
- Conceptualised and developed a web application** in PHP and My SQL for centralized accounting and handling of signal communication of entire Western Naval Command with up to 500 users.
- Planned and executed project worth **Rs 10cr** for provision of **seamless satellite network connectivity** to Naval Ships at Sea and Harbor.

Systems Engineer, Infosys (2010– 2012)

- Performed stabilisation and bug fixes for Finacle 10.2 x versions. Debugged live issues of application hosted on Unix server by simulating them locally and resolving issues in the code using C/C++, Java coding expertise.
- Extensively used SQL for data handling including data manipulation.

Personal Info

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Education

- Business Management Program, IIM Trichy
- MSc (Applied Meteorology), CUSAT
- BE- Computer Science, NMAMIT
- PGP in Data Science and AI, INSAID

Key Skills

- Project Management
- Data Analysis
- Machine Learning
- Python
- Agile
- SQL
- Tableau
- Web Development

Certifications

- Project Management Professional PMP®
- Certified Scrum Master - CSM®
- AWS-Certified Cloud Practitioner
- Global certificate in Data Science and AI, INSAID
- Python, SQL certification, Hackerrank
- IBM Certified Database Associate, DB2 9 Fundamentals
- Numerical Weather Modelling and Post processing in Python, School of Naval Oceanology and Meteorology