# SHASHIKANT YADAV

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## PROFILE SUMMARY

Dedicated professional with 15 years of service in the Indian Navy, currently transitioning into data science. I am pursuing a Post Graduate Certificate Program in Applied Data Science and Artificial Intelligence from IIT Roorkee, coupled with an MBA in Finance from NMIMS. With proven expertise in IT management, project leadership, and data analytics, I am committed to leveraging data-driven insights to solve complex problems and drive organizational success.

### Key Qualifications

- **Leadership:** Led teams of over 50 members in the modernization and implementation of IT systems, enhancing operational efficiency. Database Management: Managed SQL databases, ensuring data integrity and optimized performance for mission-critical reporting.

- **Database Management:** Expert in managing SQL databases, ensuring data integrity, and optimizing performance for mission-critical reporting.

- **Data Analysis:** Proficient in analyzing operational data to identify trends, inform strategic decision-making, and drive process improvements.

- **Project Management:** Successfully completed high-impact projects using Agile methodologies, improving processes across multiple platforms.

- **Continuous Learning:** Actively pursuing professional development in data science and analytics to stay current with industry trends and technologies.

## EDUCATION

- Post Graduate Certificate Program in Applied Data Science and Artificial Intelligence

  IIT Roorkee                                                                  *Sep 2024 - Apr 2025*

- MBA in Finance

  NMIMS, Mumbai                                                           *Jul 2022 - Dec 2024*

- Bachelor of Arts (Major) in Public Administration
  IGNOU                                                                       *Jul 2009 – Dec 2012*

### Certifications:

- Project Management Specialization,
  University of Colorado Boulder                                              *Jan 2023*
- Introduction to Program Management,
  IBM                                                                              *Oct 2024*

## TECHNICAL SKILLS

- Programming Languages: Python, R
- Data Management: SQL, MS SQL Server
- Data Visualization Tools: Tableau, Power BI
- Machine Learning Libraries: Scikit-learn, TensorFlow
- Statistical Analysis Techniques: Regression, Hypothesis Testing
- Project Management Methodologies: Agile, Scrum
- General Management and Leadership

# PROFESSIONAL EXPERIENCE

## MIS (IT) Team Leader

*Apr 2014  July 2024*
*Indian Navy*

- Managed IT operations and data integration for mission-critical projects, optimizing the performance of naval systems.
- Led a team in the modernization and implementation of the data center, enhancing data management and reporting capabilities.
- Managed SQL databases, ensuring data integrity and optimized performance for operational reporting, resulting in a 30% increase in data processing efficiency.
- Analyzed operational data to identify trends, contributing to strategic decision-making and process improvements that enhanced overall mission effectiveness.
- Provided training on data management systems, fostering a skilled workforce proficient in information technologies.

## Marine Engineer

*July 2009  Mar 2014*
*Indian Navy*

- Led maintenance and repair operations for critical marine systems, ensuring optimal performance and compliance with safety regulations.
- Collaborated with cross-functional teams to enhance safety protocols, integrating data-driven insights into operational practices.
- Conducted regular inspections and data assessments of machinery, identifying potential issues and implementing preventive measures.
- Developed comprehensive documentation for engineering processes, supporting knowledge sharing and operational efficiency.

# KEY ACHIEVEMENTS

- Leadership: Successfully led the IT modernization project, resulting in a 30% increase in operational efficiency across multiple naval platforms.
- Cost Savings: Achieved significant cost reductions as Mail Management Administrator, managing critical software for a user base of over 5,000, resulting in savings of crores of rupees.
- Team Development: Fostered a culture of teamwork and resilience among junior personnel, enhancing productivity in high-pressure environments.

# LANGUAGES

- **Hindi** (Fluent)
- **English** (Fluent)
- **Kannada** (Basic)

# ADDITIONAL INFORMATION

- Actively engaged in continuous learning and professional development in data science and analytics.
- Interested in exploring innovative solutions to leverage data for strategic business insights.