

SURJA PRATIM BEJ

Quality Assurance System Manager

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Portfolio : <https://surjabej.github.io/protfolio>



Objective:

Experienced Quality System Professional and Data Analysis Enthusiast seeking a challenging role to leverage strong analytical skills, ISO knowledge, and data analysis expertise for driving business insights and process improvements.

Educational Background: -

- PGDBA in Marketing Management, SCDL, Pune, 2009
- B.COM (Hons), Ranchi University, 2002
- B.I.E.C (I.Sc), Jamshedpur Co-operative College, 1999

Certifications: -

- **Certified Data Science Professional (2023)**
Data Science Boot Camp, Odin School,
- **ISO 9001:2008 Internal Auditor Training Course (2015)**
- **SIX SIGMA Certification**
WHITE BELT (2024) - C.S.S.C
YELLOW BELT (2024) - 6SIGMA STUDY
BASICS OF LEAN SIX SIGMA (2024): GREEN BELT- ALISON
- **Certification of Business Analytics with Excel (2024)**
Simplilearn

Technical Skills:

- Data Analysis: Microsoft Excel
- Database Management: MYSQL
- Business Intelligence Tools: Power BI
- Programming: Python (Basic Level) with libraries – Pandas and NumPy
- EDA (Exploratory Data Analysis): Proficient in techniques for data cleaning, preprocessing, Data Visualization: Matplotlib, Seaborn
- Machine Learning: Predictive Modeling, Regression Analysis (Linear, Logistic)
- ERP Systems: Crest / Microsoft Dynamics NAV 2009
- Document Creation: Microsoft PowerPoint, Microsoft Word
- Quality Management: ISO 9001:2015
- Statistical Analysis: Statistical Process Control (SPC), Measurement System Analysis (MSA)
- AutoCAD Drawing (Basic Level)

Professional Experience: -

HYDROKRIMP AC PVT LTD, Gamharia, Jamshedpur

Quality HOD (since 2012 – Present)

- To implemented and maintained quality management system.
- Managed PPAP, quality plan and process validation.
- Conducted quality management meeting and improved department process
- Conducted ISO 9001:2015 third party external audit.
- Maintaining Key Performance Indicator (KPI) records for all department processes.
- Preparing monthly production reports, conducting rejection analyses, and monitoring employee performance (efficiency reports).
- Handling customer complaints and initiating Corrective and Preventive Actions (CAPA) accordingly.
- Preparing and maintaining Management Information System (MIS) reports, which are then shared with the management?
- Calculating the cost of manufacturing end fittings
- Implemented 5S activities.

INDUSTRIAL FORGE ENGG.CO.LTD, Gamharia, Jamshedpur

Quality Officer (Oct 2007 - Mar 2012)

- Controlled ERP system and Supply Chain Management.
- Prepared TS 16949:2009, ISO 9001:2008 and ISO 14001 records.
- Managed PPAP, Quality Plan, and Process validation.
- Handled Material Test Report and Inspection Report.
- Addressed customer complaints and third-party inspections.

ARUSH METAL CASTING PVT. LTD., Gamharia, Jamshedpur

Quality Officer (May 2005 - Oct 2007)

- Prepared tender documentation for Public & Private Sector.
- Managed ISO documentation.
- Conducted independent inspections.
- Proficient in AUTOCAD for drawing.
- Operated various measurement instruments.
- Utilized statistical tools like SPC and MSA in Minitab software.
- Prepared test certificates.

Data Science Projects: -

1. Credit Card Approval Prediction

- **Objective:** Predicted credit card approval rates using machine learning.
- **Achievements:**
 - Developed models with up to 92% accuracy.
 - Implemented Logistic Regression, K-Nearest Neighbors, Decision Tree, and Random Forest algorithms.
- **Activities:** Data collection, EDA, feature engineering, and model development.

2. Sales Data Analysis, HR Data Analysis, Production Efficiency Data Analysis, Rejection Analysis Dashboard (2023-24), Quality analysis.

- **Objective:**
Analyzed Axon classic car model sales data, HR data, and Quality Data analysis using Power BI.

Conducted live Data analysis for Manufacturing Production Efficiency at **HYDROKRIMP AC PVT LTD JAMSHEDPUR** using Power BI.

Conducted live Rejection Analysis Dashboard (2023-24), at **HYDROKRIMP AC PVT LTD JAMSHEDPUR** using Power BI.

- **Key Activities:**
 - Cleaned and transformed data.
 - Created interactive dashboards and reports in Power BI.
 - Designed data visualizations, including charts, graphs, and tables.
 - Conducted data analysis using DAX function

Achievements: -

- Implemented Process Stabilization, Loss Reduction, ISO/TS 16949-2009 and implemented 5S

Interests: -

- Listening to music, playing cricket