

PURUSHOTHAMA CG

BI Developer

LinkedIn: <https://www.linkedin.com/in/purushotham-c-g-b81408253>

Phone No: +91 9535807317

Email Id: purushothamyadav3028@gmail.com

Location: Bengaluru.

Date of Birth: 11-06-1996

SUMMARY:

Experienced Power BI Developer with 2.8 years of expertise in data modeling, visualization, ETL processes, SQL, and Excel. Seeking a challenge to leverage my skills in Power BI development and contribute to impactful data solutions.

ORGANIZATIONAL EXPERIENCE:

- Currently employed as a Power BI Developer at BSOL Systems Pvt. Ltd. in Bengaluru since Jan 2022

PROFESSIONAL SUMMARY:

- Design and development of interactive Power BI dashboards and reports, providing actionable insights and improving decision-making across departments.
- Collaborated with business stakeholders to gather requirements and translate them into effective Power BI solutions, enhancing data visualization and reporting accuracy.
- Developed and optimized complex data models and DAX calculations to ensure accurate and efficient reporting and analysis.
- Automated data refresh processes and report distributions using Power BI Gateway and Power Automate, resulting in a 20% reduction in manual reporting tasks.
- Integrated data from multiple sources, including SQL databases, SharePoint, and Excel, to create comprehensive and unified dashboards.
- Utilized Power Query to clean, transform, and model data, ensuring high-quality and reliable data for business intelligence purposes.
- Monitored and managed scheduled refreshes and report notifications, ensuring timely updates and effective data monitoring.
- Conducted data analysis and created custom visualizations to identify trends and patterns, supporting data-driven decision-making.
- Researched and implemented best practices for Power BI development, recommending improvements to optimize performance and user experience.
- Established key performance indicators (KPIs) and set measurable goals for reporting projects, prioritizing tasks, and managing deadlines effectively.

CERTIFICATIONS AND TRAINING:

- Power BI Certification from Besent Technology Bengaluru.
- SQL certification from Besent Technology Bengaluru.

SKILLS:

- **Power BI:** Power BI Desktop, Power BI Services
- **Data Modeling:** Data visualizations, ETL processes
- **DAX:** Power Query
- **Automation:** Power Automate, Power Apps
- **Databases:** SQL, Oracle
- **Other Tools:** MS Excel, SharePoint

EDUCATION:

- Mechanical engineering
From Nagarjuna college of Engineering and technology Bengaluru

STRENGTHS:

- Analytical Thinking.
- Collaborative Communication.
- Teamwork.
- Time management.
- Stress management.
- Active listening
- Problem solving.
- Critical thinking.
- Leadership.
- Management.

PROJECTS:

Project 1: INSW VESSEL ANALYTICS: Developed a Power BI dashboard integrating data from multiple sources to analyze vessel conditions such as Beaufort Scale, remaining fuel onboard, and generator details, providing comprehensive insights.

- Identify vessels operating under normal or heavy weather conditions based on data analysis.
- Designed a dashboard in Power BI displaying fuel consumption trends over the last 24 hours, current and estimated fuel usage, and generator running hours for effective monitoring and management.
- Displaying the operational status (working or not working) of ODME, OWS, scrubber, incinerator, and BWTS equipment using a pie chart for clear and concise visualization.
- PSC History: Provides similar insights as vetting history.
- BWTS Report: Displays BWTS operational status, including operation, partial operation, and non-operation statuses.
- Set scheduled refresh to update data daily in Power BI using Gateway and configured Power BI Automation to send email notifications about the refresh status.
- Environments: Oracle SQL, SharePoint list, Power BI Desktop, Power BI Services.

Project 2: Vessel Asset Management

- Designing customized Report and dashboard for INSW Team.
- Checked vessel assets by auditing installed software on PCs, ensuring operating systems and OS versions were up-to-date and correcting outdated installations.
- helping them identify which software is up-to-date or outdated.
- Automated export of outdated vessel data to Excel using Power Automate and stored it in a SharePoint folder for easy access and management.
- Set scheduled refresh to update data daily in Power BI using Gateway.
- Environments: Excel, Power BI Desktop, Power BI Services, Power Automate. Project and incorporated feedback to refine reports and dashboards.
- Environments: Oracle SQL, Power BI.

Project 3: HS4 Reports: Developed a Power BI dashboard integrating real-time data from sensors monitoring speed, RPM, fuel consumption, Specific Fuel Oil Consumption (SFOC), air cooler temperatures, main engine fuel ratios, Turbocharger (TC) RPM, scavenge pressure, and boiler parameters for comprehensive trend analysis and reporting.

- Imported multiple tables from an Oracle database into Power BI using SQL queries and connectors.
- Cleaned and transformed data to ensure accuracy and consistency, performing necessary joins and aggregations.
- Conducted exploratory data analysis (EDA) and created summary statistics and visualizations to understand data patterns.
- Used Python scripts to plot scatter charts with polynomial trend lines in Power BI for advanced data insights.
- Collaborated closely with clients to gather requirements, presented findings, and incorporated feedback to refine reports and dashboards.
- Environments: Oracle SQL, Power BI.

LANGUAGES:

- English [Proficient].
- Kannada [Native].
- Telugu [Native].
- Tamil [Beginner].
- Hindi [Beginner]

PASSIONS:

- Playing Cricket.
- Cooking.
- GYM.