**CHANDRA SHEKAR IPPILI**

**Email:** [ippilichandrashekar90@gmail.com](mailto:ippilichandrashekar90@gmail.com)  
 **Mobile: +91 9701598034**

* Having 4+ years of professional IT experience as a Data Analyst and Business Intelligence Developer using tools like Power BI, SQL, and ETL.
* Expertise in Power BI development, including data modelling, DAX, Power Query, Power BI Desktop, Power BI Service, Gateways, and Power Automate.
* Experienced in developing interactive dashboards and reports with drill-through, tooltips, bookmarks, slicers, filters, and conditional formatting.
* Good knowledge of Cognos BI, including Report Studio, Framework Manager, metadata modeling, and security implementation Such as RLS( Row Level Security).
* Strong experience in SQL (Joins, Views, CTEs, Stored Procedures), data validation, unit testing, and performance optimization.
* Good understanding of data warehousing concepts: star schema, snowflake schema, fact and dimension tables.
* Skilled in creating Python visuals in Power BI and working with Azure SQL Server.
* Proven track record of delivering scalable and optimized dashboards as per business requirements.
* Adept at collaborating with cross-functional teams and understanding business goals for BI deliverables.

**Educational Qualifications:**

>> Graduation **in B.Tech(ECE)** from GMR institute of Technology, Razam, Andhra Pradesh.

**Work Experience:**

>> Working as a Software Engineer in **TCS** From Mar 2021 to Present.

**SKILLS:**

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| **Category** | **Skills** |
| **Business Intelligence** | Power BI, Power Query, DAX, Power Automate, IBM Cognos Analytics, Cognos Framework Manager, Cognos Report Studio, Tableau (basics) |
| **Reporting & ETL** | Reports & Dashboards, Data Modelling, ETL Processes, Power Pivot, Power Apps, Apache Nifi (basic), Alteryx (basic) |
| **Programming & Scripting** | Python (Pandas, NumPy, Matplotlib), R (basic), SQL, T-SQL, DAX, JavaScript, HTML5, CSS3, Bootstrap |
| **Databases** | SQL Server, MySQL, PostgreSQL, Oracle, MongoDB, Azure SQL Database, Snowflake (basic) |
| **Cloud & DevOps** | Microsoft Azure (Data Factory, Synapse, Blob Storage, Data Lake), AWS (S3, EC2), Git, GitHub, Jenkins, Docker (basic), CI/CD pipelines |
| **Excel & Productivity Tools** | MS Excel (Advanced: PivotTables, VLOOKUP, Macros), MS Access, SharePoint, Microsoft Teams |
| **Tools & Utilities** | Jupyter Notebook, Visual Studio Code, Postman, REST APIs |
| **Methodologies** | Agile (Scrum), Waterfall, SDLC, Unit Testing, UAT, KPI Development, Stakeholder Communication Via Zira and Teams. |

**Project 1: Revenue Analysis**

Role: Power BI Developer

Environment: Power BI, DAX, Power Query, ETL, Power Automate, Azure, SQL Server, Python

* Worked on analyzing and visualizing business revenue data using Power BI dashboards with dynamic KPIs and filters.
* Gathered and analyzed requirements with business users.
* Performed data cleaning and data modelling in Power BI Desktop.
* Created custom measures, columns using DAX.
* Developed 4+ dashboards and interactive reports, published to Power BI Service.
* Integrated reports with Power Automate for scheduled refresh and alerts.
* Performed performance tuning and report optimization.
* Implemented row-level security and static security.
* Created Python visuals for advanced data presentation.
* Conducted unit testing and validated data accuracy.
* Enhances 15% growth in decision making.

## **Project 2: MG MIS Dashboard – Delta Finance**

Role: Power BI Developer

Environment: Power BI, DAX, Power Query, Python, Azure, SQL Server

* Delivered executive 3+ dashboards showcasing key business metrics for a Financial support.
* Designed visual reports with drill-down, filters, bookmarks, and tooltips.
* Used advanced DAX expressions for dynamic calculations.
* Published and scheduled reports, configured gateways for data refresh.
* Developed row-level security and implemented role-based access.
* Validated and tested reports against database records.
* Ensured performance 20% in improvement and faster report loading.

## **Project 3: OPEL**

Role: Business Analyst

Environment: Power BI, IBM Cognos, SQL Server, Excel, Framework Manager, Python

* Worked on POC for legacy Cognos BI and transitioned report development into Power BI.
* Created metadata models in Framework Manager and developed reports in Cognos.
* Implemented security models (object, package, row-level) in both Power BI and Cognos.
* Developed interactive dashboards using Power BI Desktop.
* Conducted data validation, transformation, and testing with SQL and Python.
* Designed snowflake schema for effective modelling.
* Implemented drill-through, tooltips, bookmarks, and slicers.
* Created calculated columns and DAX measures for KPIs.

# Declaration:

I hereby declare that the above information is true to the best of my knowledge.

Place:

Date: Chandrashekar.