

DEBANGANA CHAKRABORTY

Associate, Cognizant Technology Solutions, Kolkata

5+ years of experience in IT, specializing in designing and implementing technology-driven business solutions. Proficient in data modelling, visualization, and reporting, with a strong ability to interpret complex datasets and present them effectively. Demonstrated expertise in creating interactive dashboards and reports to enable data-driven decision making. I prefer to work in the intersection of business and technology to experience transforming complex datasets into actionable insights using Power BI, DAX, Tableau, SQL and MS Excel.

CERTIFICATIONS & ACHIEVEMENTS

- Microsoft Certified Power BI Data Analyst - PL 300 ([Link](#))
- Consistently received the highest performance rating.
- The Applens Automation Master Award

June 2023

2024 & 2025

April & June 2023

EXPERIENCE

ASSOCIATE, POWER BI DEVELOPER

August 2023 - Present

COGNIZANT TECHNOLOGY SOLUTIONS – KOLKATA

Project: Production Efficiency Dashboard

Objective: Improve manufacturing efficiency by monitoring machine downtime, production yield, and defect rates.

Data Sources: IoT sensor data, SAP ERP.

Approach:

- Connected real-time sensor data from IoT devices to Power BI using SAP Warehouse.
- Created a downtime analysis dashboard that highlights recurring failures, helping maintenance teams act faster.
- Used DAX calculations to measure OEE (Overall Equipment Effectiveness) and visualize plant performance.

Results & Business Impact:

- Reduced machine downtime by 15%, increasing production output.
- Optimized maintenance schedules, reducing unplanned breakdowns.
- Identified inefficiencies in production lines, improving yield by 10%.

PROGRAMMER ANALYST

June 2022 - August 2023

COGNIZANT TECHNOLOGY SOLUTIONS – KOLKATA

Project: Waste Reduction & Defect Analysis Dashboard

Objective: Identify and minimize material waste in manufacturing.

Data Sources: SQL Server, quality control reports.

Approach:

- Built a defect heatmap in Power BI to track defective parts by batch, machine/supplier.
- Implemented drill-through reports to help engineers pinpoint root causes of defects.

Results & Business Impact:

- Improved first-pass yield (FPY) by 8%, reducing rework costs.
- Helped quality teams implement data-driven process improvements.

PROGRAMMER ANALYST TRAINEE

June 2019 – June 2022

COGNIZANT TECHNOLOGY SOLUTIONS – PUNE

• Handled ITSM tickets for issue resolution and support of Lotus Notes-based applications, ensuring timely response and minimal downtime.

• Provided technical support and maintenance for Lotus Notes applications as part of the IT service management process.

EDUCATION

B.Tech In Electrical Engineering

2015 – 2019

Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha

7.68 GPA

Higher Secondary Examination

2015

MAHARISHI VIDYA MANDIR SENIOR SECONDARY SCHOOL

73.4%

Secondary Examination

2013

MAHARISHI VIDYA MANDIR SENIOR SECONDARY SCHOOL

8.8 CGPA

CONTACTS



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KEY SKILLS

Power BI



Tableau



Excel



SQL (Oracle, MS SQL Server)



TECHNICAL SKILLS – DETAILED

- **POWER BI** – REPORTS, DASHBOARDS, DATA MODELING, ETL, DAX, FIELD PARAMETERS, BOOKMARKS, RLS, PUBLISHING & SHARING REPORTS.
- **TABLEAU** – REPORTS, DASHBOARDS, DATA BLENDING, JOINS, LOD EXPRESSIONS, FILTERS, PARAMETERS, ACTIONS, TABLEAU PREP.
- **SQL (MS SQL SERVER, ORACLE)** – DDL, DML, JOINS, CTES, WINDOW FUNCTIONS, AGGREGATE FUNCTIONS.
- **EXCEL** – VLOOKUP, XLOOKUP, MATCH, INDEX, POWER QUERY, POWER PIVOT