

BALU PATI

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SUMMARY

Recent Engineering graduate passionate about **Programming** and **Analytics**, with hands-on experience in Coding and analytics along with strong understanding of SDLC practices through academic projects and internships. Skilled in **Python, SQL, Excel and Power BI**. Eager to contribute logical thinking, database knowledge, problem-solving and technical skills in a dynamic environment.

EDUCATION

B. Tech in Computer Science and Engineering

Audisankara College of Engineering & Technology •Gudur, India •7.96 CGPA

November 2022 - April 2025

INTERNSHIP EXPERIENCE

Ecocubo opc pvt.ltd (MIS Operations Intern) [Link](#)

May 2025 – Aug 2025

- Assisted MIS reporting by managing **100+** records weekly Cleaned and validated raw data to ensure **100%** accuracy.
- Collaborated with cross-functional teams to gather requirements and delivering insights for operational decisions.
- Monitored and updated databases, ensuring **100%** data accuracy for weekly and monthly reports.

Business Intelligence Internship – Power Bi & Tableau (APSCHE & CSC INDIA) [Link](#)

Dec 2024 – Apr 2025

- Developed interactive dashboards in Power BI and Tableau for datasets, improving reporting turnaround by **20%**.
- Cleaned and modeled raw data using Excel and DAX, conducted trend analysis, automated reporting workflows.
- Collaborated with cross-functional virtual teams to automate reporting workflows, enhancing BI efficiency.

PROJECTS

Weather Prediction Application (Python, Versal, Flask)

[GitHub](#)

- Engineered a real-time weather app, delivering data for **1k+** global cities with live updates every **30** seconds.
- Integrated OpenWeather API, providing accurate insights on **5+** climate metrics
- Deployed on **Vercel**, ensuring **99.9%** uptime and seamless performance across devices.

Patients Emergency Room Visit Analysis (Power BI, Excel, DAX)

[GitHub](#)

- Built a Power BI dashboard analyzing **5K+** patient records, reducing service identification time by **25%**.
- Applied data modeling & DAX to track patient KPIs, identifying **15%** improvement opportunities in flow efficiency.
- Conducted trend and segmentation analysis to monitor operational efficiency and support decision-making.

Customer Churn Analysis (Power BI, SQL, Excel)

[GitHub](#)

- Developed an interactive dashboard analyzing **10K+** customer records, identifying high-risk churn segments.
- Queried and aggregated datasets using SQL & Excel, reducing inconsistencies by **20%**.

SKILLS

Programming & Libraries: Python (Pandas, NumPy, Seaborn, Matplotlib), OOP, Data Structures & Algorithms

SQL/MYSQL: Queries, Joins, Aggregation, Ranking Functions, Query Optimization

Developer Tools: Git, VS Code, PyCharm, Jupyter Notebook

Excel Expertise: Pivot Tables, Lookups, Conditional Formatting, Data Cleaning, Formulas, Functions, Power Query

Power BI Skills: Data Loading, Cleaning & Transformation, Data Modeling, Visualization, DAX

Cloud Skills: Basic knowledge of Azure (VM deployment, Storage Accounts, Data Factory, Data Lake, Blob Storage)

Soft Skills: Communication, Critical Thinking, Time Management, Attention to Detail, Team Collaboration, Adaptability

CERTIFICATES

- Data Structures with Python (Value Laden) ➤ Apr 2023
- Analyzing and Visualizing Data with Power BI – DavidsonX (edX) ➤ May 2024
- Python for Beginners – Telusko (Udemy) ➤ June 2025
- GenAI-Powered Data Analytics job Simulation (Deloitte & TATA) ➤ July 2025