Thaduri Omprakash

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EDUCATION

2020 - 2024	Bachelor's Degree at **Vidya Jyothi Institute Of Technology**
	Computer Science And Engineering (GPA: 8.2/10.0)

WORK EXPERIENCE

Engineer Apprentice - TGSRTC   Sep 2024 - present

– Designed data entry + reporting systems used by **97 depots**, improving standardization of operational data.

– Enhanced data accuracy by **35%** through automated validation checks and anomaly detection.

– Created performance dashboards to track **kms, earnings, absenteeism, fixed vs actual ratios, and driver KPIs**.

– Processed and analyzed **above 150,000 monthly records** to improve visibility into daily operations.

– Collaborated with operational managers to convert business problems into measurable KPIs and datasets.

PROJECTS

Depot Operations Analytics Dashboard   Source code

- Built a complete analytics dashboard for depot management to digitalize daily performance submission.
- Enabled seamless entry of driver allocation, health status, shift schedules, and MU/SL tracking.
- Implemented automated KPI computation for faster and more reliable performance analysis.
- Integrated database-driven storage to ensure scalability, accuracy, and long-term data retention.
- Reduced manual paper-based reporting significantly, improving decision-making speed.
- Saved operational time for managers across multiple depots by streamlining workflows.

Driver Performance Insights   Source code

- Evaluated driver-level performance metrics including total kilometers, EPK, working hours, absentee rate, and earnings.
- Identified top and bottom 5 performers using comparative analysis and KPI-based ranking.
- Generated month-wise insights for performance monitoring and strategic decision support.
- Automated driver evaluation workflows, reducing manual analysis time by nearly **70%**.
- Boosted transparency and accelerated review cycles for depot managers.

SKILLS

Languages: Python , SQL
Technologies/Frameworks: HTML5, CSS3 ,Streamlit,Pandas
Tools: Power BI, MS Excel
Developer Tools: VS Code, Jupyter Notebook
Areas of Interest:Data Analyst, Data Engineer

ACHIEVEMENTS

- Improved reporting efficiency by **50%** for 97 depots
- Processed and analyzed 150,000+ monthly records
- Reduced driver evaluation time by **50%**