NITHIN N S

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Education

BMS Institute of Technology and Management	**Bangalore, India**
Bachelor of Engineering in Electronics and Communication	*2022 – Ongoing*
CGPA: 7.5	

Technical Skills

- **Programming & Data:** Python, SQL, C++
- **Data Analytics & Visualization:** Power BI, Tableau, Excel, DAX
- **Core Concepts & Tools:** Data Analytics, Database Management (DBMS), MATLAB
- **Soft Skills:** Strong Analytical Mindset, Problem Solving, Teamwork, Communication

Projects

D-Mart Sales & Customer Insights Dashboard　　　　　　　　　*February 2025*
Tools: SQL, Power BI, Excel

- Developed an end-to-end retail analytics solution, **interpreting** sales and customer data to **drive informed business decisions**.
- Designed and normalized SQL schema for efficient **data collection and preparation** from diverse sales, customer, and product sources.
- Built an interactive Power BI dashboard for **data visualization**, featuring KPIs, slicers, and **trend analysis** to **communicate findings** effectively.

HR Analytics Dashboard　　　　　　　　　*September 2025*
Tools: Tableau

- Performed **data collection, cleaning, and preparation** on a raw HR dataset, creating numerous calculated fields for key metrics like attrition rate, employee age, and location.
- Designed and built an end-to-end Tableau dashboard to **analyze and interpret** key HR metrics, including workforce demographics, salary distribution, and performance ratings.
- Visualized hiring/attrition **trends**, salary correlations, and employee distribution by state, providing actionable insights for talent retention and workforce planning.

Cyber Sentinel (Ongoing)　　　　　　　　　*2024 – Ongoing*
Tools: Flutter, Dart, Machine Learning, RSA Encryption

- Developing a cross-platform mobile app to detect threats, demonstrating an understanding of **full-stack development**.
- Integrating **Machine Learning** models for behavioral analytics to **identify trends and patterns** in data.
- Implementing **RSA/OAEP encryption** for secure communication, ensuring **data security and privacy** compliance.

Certifications

- **Data Analytics** - Infosys Foundation Finishing School for Employability Program
- **Data Analytics** Virtual Experience Program - Deloitte
- **Data Analytics** Job Simulation - Tata Group
- **AWS** APAC Solutions Architecture
- **Fliprlabs** Web Development (**Silver Medal**)