

# Anto Raphael D

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## Summary

Backend and Data Engineering enthusiast with hands-on experience in backend development, data analysis, and cloud-based data pipelines. Strong proficiency in Python and SQL, with practical experience in data cleaning, ETL workflows, relational databases, and KPI-driven dashboards. Completed a real-world Data Analyst internship working on business datasets to generate actionable insights. Familiar with cloud platforms, REST APIs, and modern software development practices, and motivated to apply data-driven solutions to real-world industry problems.

## Education

**National Engineering College**, BE in Computer Science and Engineering Aug 2023 – Present

- CGPA: 8.46 / 10

## Internship Experience

**Data Analyst Intern** — Inlighn Tech (Virtual) Feb 2025 – Mar 2025

- Worked on real-world datasets to perform data cleaning, transformation, and exploratory data analysis using **Python**, **SQL**, and **Excel**.
- Built interactive dashboards and reports to analyze trends, KPIs, and business performance.
- Applied data visualization techniques to communicate insights clearly to non-technical stakeholders.
- Gained hands-on experience with end-to-end data analysis workflows, from raw data to actionable insights.

## Technical Skills

- Programming:** Python, Java, JavaScript, SQL, C++
- Backend:** Node.js, Express.js, Spring Boot, REST APIs
- Frontend:** HTML, CSS, JavaScript, React
- Databases:** MySQL, MongoDB
- Data Engineering:** ETL Pipelines, Apache Spark (Databricks), Snowflake, Data Modeling
- Analytics:** Power BI, Tableau, Excel, Pandas, NumPy
- Cloud:** IBM Cloud, basic GCP

## Projects

**Hostel Management System** — MERN Stack

- Built a production-ready full-stack web application for managing hostel operations, including students, rooms, and fees.
- Implemented JWT authentication, Google OAuth, role-based access control, dashboards, pagination, file uploads, notifications, logging, and monitoring.

**Logistics Performance Analysis System** — Data Engineering

- Designed end-to-end ETL pipelines using Python, Databricks, and Snowflake to process logistics data and generate KPI-driven analytics dashboards.

**Adidas Sales Analytics Dashboard** — Power BI, SQL

- Built interactive SQL-driven dashboards to analyze regional and product-level sales performance with automated refresh and business KPIs.

## Certifications

- IBM Data Engineering Professional Certificate — Coursera
- Google Data Analytics Professional Certificate — Coursera
- Full Stack Web Development — Amazon (Coursera)
- Legacy Responsive Web Design V8 - FreeCodeCamp

## Achievements & Extracurricular

- Solved 330+ LeetCode problems (Top 39.24% globally)
- 3rd Place** — Red Hat India Linux Challenge 2024
- Completed 12+ end-to-end projects across backend and data domains