

# Anto Raphael D

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## Summary

**Backend Developer, Data Analyst, and Data Engineer** with expertise in building scalable server-side applications, designing efficient data pipelines, and transforming data into actionable insights. Proficient in **Python, Java, Node.js, SQL, Power BI, and Tableau**. Completed **12+ end-to-end projects** spanning multiple domains including backend systems, analytics dashboards, and ETL pipelines. Strong foundation in **data structures, algorithms, and problem-solving**. Certified in backend development, software engineering, and data analytics from **IBM, Meta, Amazon, and Google**.

## Education

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

- CGPA: 8.46/10

## Technical Skills

- **Programming Languages:** Python, Java, JavaScript, SQL, C++ , R
- **Backend Development:** Node.js, Express.js, Spring Boot, REST APIs
- **Databases:** MySQL, MongoDB, Cassandra
- **Frontend Technologies:** React, Redux, HTML, CSS, Bootstrap
- **Data Analytics Tools:** Power BI, Tableau, Excel, Python (Pandas, NumPy, SciPy), R
- **Data Engineering:** Apache Spark, Kafka, Airflow, Snowflake, BigQuery, ETL/ELT Pipelines
- **DevOps & Cloud:** Docker, Git, GitHub, AWS
- **Developer Tools:** VS Code, Postman, Jupyter Notebook, PyCharm, IntelliJ IDEA

## Projects

Adidas Sales Dashboard 2020–2021 — Power BI, SQL Nov 2024

- Created interactive **Power BI dashboard** analyzing sales performance across multiple regions and product lines
- Developed **KPIs** for revenue trends, customer segmentation, and shipping efficiency analysis
- Automated data refresh workflows and implemented **drill-down capabilities** for detailed insights

Walmart Weekly Forecast — Python, Power BI Oct 2024

- Built end-to-end **ETL pipeline** using Python to extract, clean, transform, and load retail sales data
- Developed **time series forecasting models** integrating external factors such as holidays and weather patterns

Hostel Management System — MERN Stack July 2025 – Present

- Developing full-stack application using **MongoDB, Express.js, React, and Node.js**
- Implemented **role-based access control** for Admin, Mess Manager, Warden, and Student modules
- Features include **student records management, room allocation, fee tracking, and complaint handling**
- Integrated **JWT authentication** and built **RESTful APIs** with comprehensive error handling

## Certifications

- **Introduction to Back-End Development** — Meta (Coursera)
- **Introduction to Software Engineering** — IBM (Coursera)
- **Full Stack Web Development** — Amazon (Coursera)
- **Data Analytics Professional Certificate** — Google (Coursera)

## Achievements & Extracurricular

- **3rd Place** — Red Hat India Linux Challenge 2024 (**Red Hat Academy**)
- **LeetCode:** Solved **250+ coding problems**; ranked in **top 48.15% globally**
- Completed **12+ end-to-end projects** across backend development, data analytics, and data engineering domains