

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