Raghunandan Ramadass

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SUMMARY

6+ years of experience transforming complex data into scalable solutions that drive strategy. I consistently identify core challenges, leveraging advanced SQL, dbt, and Python to deliver actionable insights.

SKILLS

- **Cloud Computing**: Spark, AWS (S3, Redshift, EC2), GCP (GCS, BigQuery, CloudRun), Docker, Snowflake.
- **Languages & Tooling**: Python, FastAPI, PostgreSQL, dbt, Airflow, Git, Tableau, Looker, PowerBI, Excel.

EDUCATION

Master of Science in Data Science — Aug 2022 - Dec 2024
Rochester Institute of Technology — *Rochester, NY*

EXPERIENCE

Data Scientist — Apr 2025 - Present
Chicago Education Advocacy Cooperative — *Chicago, IL (Remote)*

- Developed and operationalized automated data pipelines using Python, FastAPI, DuckDB and AWS, enabling real-time information access and optimizing LLM evaluations.
- Drove a **2x** reduction in model hallucinations by building an **end-to-end pipeline** defining product specifications and acceptance criteria for failure mode identification, directly steering LLM optimization.

Analytics Engineer Intern — May 2024 - Aug 2024
Micron Technology — *Boise, Idaho*

- Architected a production data pipeline using **Airflow** to ingest and consolidate disparate Salesforce and Celonis databases, independently improving revenue forecast accuracy by **$5M**.
- Developed and deployed the core revenue data models using **dbt** with **Git** for version control, powering an executive **business intelligence** dashboards and saving **22** hours in quarterly reporting.
- Optimized a production **Spark** pipeline by meticulously profiling queries and fixing memory leaks, which cut cloud compute costs by **30%** and reduced data refresh latency for executive reports by **50%.**

Senior Analyst — Jul 2021 - Aug 2022
Freshworks — *Chennai, India*

- Engineered a unified GTM reporting model using **Snowflake** data warehouse, improving key performance metrics (KPIs) tracking and supporting a **20% QoQ increase in revenue attainment**.
- Presented **pipeline analytics** with **Tableau** dashboards, identifying sales meeting friction and contributing to a **6% improvement in win rates**.
- Managed a **$50M SaaS portfolio**, partnering with GoToMarket stakeholders on forecasts, and automated data preparation for Business Performance Reviews, saving 20+ man hours per month.

Senior Analyst — Oct 2019 - May 2021
Lynk — *Chennai, India*

- Mitigated fraud-related operational losses by **25%** at a hyperlocal delivery startup by deploying an machine learning model to identify high-risk financial activities.
- Architected and deployed centralized predictive models, enhancing operational efficiency and optimizing resource allocation to achieve **66% margin improvement.**
- Achieved 12% increase in customer conversion by optimizing pricing models through automated (Python) data analytics, reducing processing time by over 90%.

Analyst — Apr 2016 - Sep 2019
BankBazaar — *Chennai, India*

- Led cross-functional initiatives to streamline workflows, **directly reducing customer turnaround time by 50%** at Fintech startup in collaboration with Product Management and Operations.
- Enhanced an ETL pipeline using Python and SQL to integrate Experian API data, ensuring data integrity and increasing **campaign effectiveness by 15%**.