Aathi Ananth

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EDUCATION

University of Toronto Sep 2024 – 2028
Statistics & Economics Co-op *Toronto, ON*
- **Relevant Coursework**: Intro to Data Science (R), Intro to Statistics (R), Software Design (Java), Intro to Computer Science I & II (Python, C)

EXPERIENCE

Google Developer Group Sep 2024 – Present
Marketing Vice Lead *Toronto, ON*
- Lead a marketing team of **20 people**, supervising over graphic design, social media and photography teams.
- **Communicated** closely with executive members to align marketing goals with product and event launches.
- **Analyzed** Instagram analytics to generate **data-driven insights**, then performed strategic content release decisions that increased engagement by **600%**.

PROJECTS

Credit Risk Modeling Analytics Platform | *Python, AWS, SQL* Nov 2025
- Built a **credit risk analytics and reporting pipeline** in **Python** on **AWS** to process and analyze historical loan-level data for risk assessment.
- Used **Pandas and NumPy** to clean, transform, and engineer features across **6,000+ financial records**, including aggregations and risk indicators.
- Designed scalable, event-driven cloud workflows using **S3, Lambda, DynamoDB, and API Gateway**, enabling automated ingestion and processing of multi-source data.
- Developed **ETL pipelines** with built-in validation checks to ensure data accuracy and consistency for downstream reporting and analysis.

Financial Data Pipeline & Dashboard | *Tableau, Excel, SQL, Python* Sep 2025
- Built an automated **ETL pipeline** in **Python** using the **yfinance API** to ingest and refresh daily market data for **50+ equities**.
- Wrote complex **SQL queries** using joins, aggregations, subqueries, and window functions to compute financial metrics such as returns, volatility, and valuation ratios.
- Developed **Tableau dashboards** connected to MySQL using calculated fields, parameters, filters, and LOD expressions to improve data visibility.
- Created interactive **Excel dashboards** with PivotTables, XLOOKUP, and forecasting functions to support exploratory analysis and stakeholder reporting.

Bin Buddy | *Python, JavaScript, SQL, Supabase, React, GeminiAI* Aug 2025
- Developed an **AI-powered analytics application** to classify waste images and identify common disposal errors and contamination patterns.
- Built **Python-based data pipelines** to ingest, validate, and store **1,000+ classification records** in a cloud data warehouse for analysis.
- Collaborated in an **Agile SDLC environment**, translating problem statements into data-driven features under tight hackathon timelines.
- Won **1st place out of 150+ teams** at SolutionHacks for delivering a sustainability-focused data solution.

SKILLS

Languages: Python, SQL, R, Java, JavaScript, C
Analytics & BI: Tableau, Power BI, Excel, Pandas, NumPy, Matplotlib
Databases & Cloud: MySQL, PostgreSQL, SQLite, AWS (S3, EMR, Lambda, Sagemaker ML), GCP
Tools: Git, Docker, Word, PowerPoint, Outlook