

# Ahmad Al-Aloosi

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## EDUCATION

### Toronto Metropolitan University

Toronto, ON

*Bachelor of Science in Computer Science*

*Sep. 2019 – May 2025*

- Relevant Courses: Databases, Data Science, Data Mining, Algorithms, Software Engineering, Web Dev.

## TECHNICAL SKILLS

**Languages:** Python, SQL, Go, Java, JavaScript, HTML/CSS

**Frameworks and Libraries:** React, Node.js, Gin, Flask, pandas, NumPy, Matplotlib, scikit-learn

**Tools and Platforms:** Power BI, Excel, Snowflake, SAP, Jupyter Notebooks, Salesforce, AWS (EC2, RDS)

## EXPERIENCE

### Data Analyst

Aug. 2023 – Present

*Signify Lighting*

*Markham, ON*

- Automated KPI tracking for rebate disputes, achieving a **33% Quarter-Over-Quarter improvement** in resolution rates, reducing financial exposure by approximately **\$615 million**.
- Built and deployed an **Order Intake Power BI Dashboard** ranked in the **99.8th percentile** of organizational usage (13th out of 6,505 reports).
- **Enhanced report data fetching efficiency by 300%** through optimized Snowflake views, reducing Power BI report load times for global sales data.
- Designed and maintained **cross-departmental KPI dashboards** in Power BI, enabling real-time insights for decision-making.
- Mentored team members weekly on Power BI, optimizing workflows and introducing prompt-engineering techniques for improved productivity.
- Responsible for Power BI development and ownership of several high-impact dashboards, including **Daily Order Intake**, **US SIP Speedometer**, **Sales 360**, **End User Sales**, **NA One Public**, and **Agent Commissions** dashboards.

## PROJECTS

### Travel Agency Reservation System | *Go, React, AWS*

- Developed a full-stack web application for managing travel bookings, handling over 500 requests per second with real-time updates.
- Implemented RESTful APIs using Go and Gin, deployed on AWS with autoscaling and RDS for high availability and performance.
- Optimized query performance and ensured data consistency with Redis caching, reducing response times by 20%.

### Dog Breed Identification Web App | *Flask, YOLOv8, AWS*

- Built a real-time web app for dog breed identification using YOLOv8, with a 92.7% accuracy rate, capable of processing up to 200 concurrent uploads.
- Optimized model inference using TensorRT on AWS EC2 with GPU support, achieving 99.9% uptime through autoscaling.
- Enhanced user experience with asynchronous API requests, reducing latency and improving throughput.

### Student Registry Simulator | *Java*

- Developed a Java-based student registry with CRUD functionality, using ArrayLists and HashMaps for efficient data management.
- Implemented binary search for optimized student lookup and robust error handling for improved reliability and user experience.

### La Shawarma Store Website | *WordPress, HTML/CSS, SEO*

- Developed a responsive and SEO-optimized website using WordPress and custom HTML/CSS, increasing La Shawarma's online presence and customer engagement by 40%.
- Integrated an online ordering feature and social media links, enhancing customer accessibility and driving traffic from local search results.
- Configured Google Analytics for tracking user interactions and website traffic, providing data-driven insights to improve user engagement and conversion rates.