

# Myles Cruz

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## Skills

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- SQL, Python, Java, HTML, CSS, Javascript
- Snowflake, Amazon Web Services (S3, Simple Queue Service, Managed Apache Airflow, EventBridge, Step Functions, Secret Manager), DBT

## Experience

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### Tata Consultancy Services

**Data Operations Engineer      Petco Health & Wellness Inc      October 2021 - Present**

- Manage the extraction, transformation, and loading of internal and external data into our enterprise data warehouse in Snowflake.
- Monitor database processes using DBT and Amazon's web services: EC2 and Managed Apache Airflow.
- Handle file loads using Amazon's web services: S3, EventBridge, Step Functions.
- Conduct weekly meetings to discuss changes to the ETL framework and deploy said changes into production.
- Migrate file transfers from UC4 to AWS Step Function.
- Integrate database processes and file loads from current ETL framework to DBT and Airflow.
- Debug and test Python and SQL code to find inefficiencies in database processes and resolve failures.
- Administer user access to Snowflake databases, views and tables.
- Train onboarded employees.
- Document, amend, and distribute best practice materials.
- Oversee systems compliance tasks.
- Resolved over 500 business tickets involving ETL systems and ad hoc issues.

## Education

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### St. Norbert College

**De Pere, WI**

Bachelor of Science in Computer Science with a Minor in Business Administration

Cumulative GPA: 3.50 | Honors: Cum Laude

## Projects

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### Tiny Concert

<https://github.com/mylescruz/Concert>

A web-based application that manages concerts at a small venue. A user can view upcoming concerts, reserve seats, manage all their current reservations. The project was written in Python by implementing the Flask framework.

### Virtual Reality Air Hockey

<https://youtu.be/lJxKGfN5Aog>

An Oculus application that allows a user to play their favorite arcade game anywhere. The 3D project was designed in the cross-platform game engine Unity and scripted in C#. To view how the project was made: <http://compsci04.snc.edu/cs460/2021/cruzmv/>.