Myles Cruz

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Skills

- Programming Languages: JavaScript, HTML, CSS, SQL, Python, Java
- Libraries & Frameworks: React, Node, Express, Bootstrap, Flask
- Tools & Platforms: Snowflake, Amazon Web Services, DBT, GitLab, GitHub, Git, VS Code, Unity

Experience

Tata Consultancy Services   October 2021 - August 2024
Data Operations Engineer at Petco Health & Wellness Inc

- Managed the extraction, transformation, and loading of internal and external data into our enterprise data warehouse in Snowflake.
- Oversaw database processes using DBT, Amazon EC2 and Amazon Managed Apache Airflow.
- Monitored file loads using Amazon S3, Amazon EventBridge and Amazon Step Functions.
- Directed weekly meetings to discuss changes to the ETL framework and deploy said changes into production.
- Migrated file transfers from UC4 to Amazon Step Function.
- Integrated database processes and file loads from current ETL framework to DBT and Airflow.
- Debugged, tested, and wrote Python and SQL code to create solutions for inefficient and failing database processes.
- Administered user access to Snowflake databases, views and tables.
- Trained onboarded employees.
- Documented, amended, and distributed best practice materials.
- Coordinated systems compliance tasks.
- Resolved over 500 business tickets involving ETL systems and ad hoc issues.

Education

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

Weather   mylescruz.github.io/weather/
A web application to check the current and forecasted weather in a given city. The weather app was created in VisualStudio Code using HTML, CSS and JavaScript.

To-Do List   mylescruz.github.io/todo-list/
A web application to create tasks and mark them off. The to-do list was created in VisualStudio Code using HTML, CSS and JavaScript.

Calculator   mylescruz.github.io/calculator/
A simple web application that allows a user to perform basic math operations. The calculator was created in VisualStudio Code using HTML, CSS and JavaScript.

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/.