

# Jesus Martinez

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## EDUCATION

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**University of Texas Rio Grande Valley | 1201 W. University Dr, Edinburg, TX 78539**

July 2018 - December 2022

- Bachelor of Science in Computer Engineering
- Overall Current GPA: 3.70 | Major GPA: 3.8 | Cum Laude
- UTRGV Dean's List, 2018 - 2022
- UTRGV President's List, 2020 - 2021

## EXPERIENCE

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**Cloud Data Engineer**

January 2023 - Present

[Procter & Gamble \(P&G\)](#) | Remote

*Tools & Technologies - Python | SQL | Azure | Git | Databricks | Jupyter Notebook*

- Assist in building new data ingestion pipelines and validating data for our Machine Learning initiatives
- Documented and reported inconsistencies and errors in existing data pipelines
- Create analysis on petabytes of data using Databricks to create reports for leadership

**Software Engineer Intern**

June 2022 - August 2022

[Procter & Gamble \(P&G\)](#) | Cincinnati, Ohio

*Tools & Technologies - Python | SQL | AWS | Azure | Git | Power BI | Jupyter Notebook*

- Developed an end-to-end automated Azure SQL Database & Virtual Machine optimization process using Machine Learning to determine rightsizing candidates and savings value generated - Estimated annual savings ~ \$2.5 Million
- Designed an automated solution to perform monthly allocation of Amazon Web Services (AWS) Backup Charges, and split charges between application teams that consumed the backup charges
- Discovered unused AWS DynamoDB resources and EC2 snapshots to then be decommissioned thus cutting costs - Estimated Savings ~ \$40k

**Software Engineer Intern**

June 2021 - August 2021

[Lob](#) | San Francisco, CA

*Tools & Technologies - JavaScript | Node | SQL | Postgres | AWS | Docker | Jira | Postman | Git*

- Developed endpoints for employees to process requests to redact personal information from databases which reduced workload from engineers and possible user error
- Created an environment using Docker for local development and testing for my redactions project
- Increased security and overall API performance by upgrading dependencies in a large codebase
- I ran a series of load and functional tests on a third party webhooks as a service platform before deciding to move forward with them. New events system reduced engineering time, resources and ongoing maintenance

## LEADERSHIP

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**Industry Advisor**

January 2023 - Present

[Frontera Devs](#) | Edinburg, Texas

- Conduct 1:1 or 1:Many meetings as a mentor to undergraduate students to answer any questions whether it be industry or academic wise
- Volunteer to lead technical workshops for Frontera Devs members which consists of university students

**Frontera Devs Lead**

January 2022 - January 2023

[Frontera Devs](#) | Edinburg, Texas

- Our mission is to empower developers across the Rio Grande Valley with the resources and support they need to become leaders in tech
- Assisted in driving the first inaugural Frontera Devs hackathon and leading a team to help us cross the finish line

## SKILLS & TOOLS

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- Languages: C++ | Python | JavaScript | CSS | HTML5 | Ruby | SQL
- Development Tools: Docker | AWS | Azure | GCP | Databricks | Jira | Git | Postman
- Soft Skills: Teamwork | Technical Writing | Time Management | Fast Learner | Public Speaking