Dimas Gonzales

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WORK EXPERIENCE (10+ Years Software Engineer)

Geico   **June 2024 – Present**
Senior Software Engineer   *Remote*

- Lead Engineer for the Billing Data Warehouse team which {DOES WHAT}
- Enforced data quality and governance using SodaCL and DataHub, integrating automated lineage and RBAC for PII protection with Apache Ranger.
- Architected micro-batching ELT pipelines using dbt, Apache Spark, and Airflow, establishing 30 minute data freshness.
- Implemented a custom Snowflake 'zero-copy' solution with Apache Iceberg on Azure Data Lake, and Snowflake external stage, ensuring instant data sharing and backward compatibility.
- Enforced data quality and governance using SodaCL and DataHub, integrating automated lineage and RBAC for PII protection with Apache Ranger.
- Automated testing and deployment via Azure DevOps CI/CD pipelines, accelerating delivery cycles
  - Tech Stack: Snowflake, Airflow, Apache Spark/RangerAzure DevOps, CodaCL, DataHub

Texas Capital Bank   **Feb 2022 - June 2024**
Data Architect | Jan, 2019 – Jan, 2021   *Remote*

- As a result of my work on the SOMETHING team(below), I was promoted to Data Architect to lead a larger migration of legacy warehouses to modern cloud architecture.
- The migrations DID WHAT
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- Established an RFC process to standardize data modeling and architectural decisions, improving code quality and reducing technical debt. .
  - Tech Stack: Terraform IaC, What else?

Master Engineer | Feb, 2022 – August, 2023

- Prior to my promotion, I was a tech lead for three major migrations to AWS/Snowflake.
- Our team won the 'BullDog' CTO award for WHAT PLATFORM
  - **Key Result:** The migrations along with governance implementations cut monthly compute spend by 16% and reduced environment setup time by 40%+.

Tiger Analytics   **July 2021 - Feb 2022**
Senior Data Engineer   *Remote*

- Migrated 37 manual batch jobs to automated CI/CD pipelines using Azure DevOps and GitHub.
- Optimized data models to enhance warehouse performance and usability for Data Science teams.
- Integrated 3rd party systems and improved DataOps processes using Python and Treasure Data.
- Something else
  - Tech Stack: Python, SQL, AWS, Azure DevOps

Capital One   **Sep 2017 - July 2021**
Principal Software Engineer   *Pennington, NJ*

- The fastest associate to be promoted to *Principle* in our division of 12,000+ people. Being awarded the 'Run the Engine' award and two Marks of Distinction for performance excellence.
- Led the remediation of 38 critical cyber vulnerabilities across 2 ASVs in just two months.
- Something else
  - Tech Stack: Python, PySpark, AWS EMR, Django KEYWORDS

Senior Software Engineer | Jan, 2019 – Jan, 2021

- Prior to my promotion, I worked on the Auto Loans team which processed 10M+ loans.
  - **Key Results:** Implemented a {WHAT} model valuation tool which reduced average loan processing time from 1 month to 4 hours. Along with that we added a microservice which reduced validation model residuals by 11%.

Associate Software Engineer | Sep, 2017 – Jan, 2019

- Eight months after I joined the bank, I took a risk and in my spare time pitched, then delivered a {SOMETHING} service that resulted in $1M in savings within the first quarter after implementation. Then every year afterward it saved on average $9M annually.

Capsher Technology   **June 2021 - Feb 2022**
Software Developer   *College Station, TX*

- Paid my way through college by working forty-hours-a-week in the afternoon/evenings after class.
- I got lucky landing this role and it became a sandbox for me to apply directly what I was learning in class. Whether that was building a Python ETL pipeline for predictive maintenance, engineering a geospatial visualization tool to track outages or just learning the basics of maintaining a test suite and ensuring production code quality.
  - Tech Stack: ????

CAPABILITIES & CURIOSITIES

- **Cloud & Infrastructure:** AWS (EMR, S3, ECS), Azure (Data Lake, DevOps), Terraform, Docker,
- **Data & Streaming:** Snowflake, SQL, Apache Iceberg and Spark, Python, Kafka, Airflow, SodaCL, DataHub, Great Expectations(GX) Orchestration
- **Skills:** Business Agile, Project Management, Public Speaking, Technical Leadership and Mentorship
- **For Fun:** Videography, Competitive Ping-pong, Weightlifting, Psychological-Thriller Movies

EDUCATION

Texas A&M University   **Aug 2012 - May 2017**
Bachelor of Science

- **GPA: 3.62/4.0**; Major: Computer Engineering
  - IM&T Specializations: Project Management and Web Design
- Graduated top 25% while working full-time as a developer and OTHER ACTIVITY .