Erikson Arias, Developer

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EDUCATION

B.S. in Computer Science, Minor in Mathematics 2021
Rutgers University, New Brunswick

A.S. in Computer Science 2018
Middlesex County College

PROFESSIONAL EXPERIENCE

Data Engineer II 2024 → Present
DailyPay

- Managed data pipelines for multiple product offerings using Snowflake, Hightouch, Fivetran, and Kafka Connect.
- Developed data models, materializations, macros, tests, and run hooks using dbt for consumption in Tableau and Metabase.
- Designed, implemented, and successfully launched the first on-demand pay (ODP) backed security in the history of the securitization industry with an initial valuation of $213M.

Data Engineer II 2022 → 2024
iCIMS

- Managed extraction, load, and transformation of client data from multiple products in Amazon Redshift, including the creation and maintenance of custom EL applications.
- Developed data models using dbt, as well as created custom materializations, macros, and run hooks to facilitate scheduled dbt runs.
- Worked directly with clients and internal stakeholders to design data visualization dashboards using Looker.
- Led sprint planning, retrospectives, backlog refinement, and other Agile ceremonies for the data engineering team as Scrum master.

PROJECTS

Debt-Financing Management System December 2024 → Present
DailyPay

- Created a service for the administration of a $213M ODP-backed security as well as an existing $766M asset-backed loan, the latter of which was expanded to $960M in 2026. Manages over $1B in funding.
- Design and implementation received approval from investors, auditors, and the Securities Exchange Commission.

S3 Object Encryptor March 2022
iCIMS

- Scalable and performant attribute encryption application for structured objects in S3, deployed with a maximum recorded throughput of over 16,000,000 records per minute.

Document Management Service Remediation January 2024 → April 2024
iCIMS

- Full data pipeline deployment for a time-sensitive data remediation project, including the setup and teardown of serverless Redshift clusters in multiple deployment regions, dbt modeling, and custom EL solutions for Sumologic and CloudWatch.

RELATED SKILLS

Languages: SQL, Python, Java, JavaScript, Go

Software: Snowflake, dbt, Amazon Redshift, Fivetran, Hightouch, MySQL, Postgres, Kafka Connect, Terraform, Metabase, Looker, Docker, CloudFormation, FastAPI, Airbyte, n8n, Ansible, microk8s