

# LUCAS RODRIGUEZ

## Principal Data and Integration Engineer | AWS & Replication

+1-(234)-555-1234 Email [linkedin.com](#) Columbus, Ohio Extra Field

### SUMMARY

Highly experienced Data and Integration Engineer with 7+ years in IT. Proficient in Attunity, AWS, and data replication. Achieved 30% increase in system efficiency through innovative integration solutions. Passionate about enhancing system reliability and aligning with business goals.

### SKILLS

AWS Administration, Attunity Replication, ServiceNow, SQL Server, Oracle, Redshift

### EXPERIENCE

#### Senior Data Integration Engineer

Columbus, Ohio

UnitedHealth Group

02/2020 - Present

- Led the replication administration team, improving server upgrade efficiency by 20% and establishing robust vulnerability remediation processes.
- Designed and implemented 15 new replication tasks across various database systems, enhancing data flow by 30% and reducing downtime.
- Developed advanced data visualizations for senior management, increasing data-driven decision-making by 25%, resulting in improved business outcomes.
- Coordinated AWS administration, resulting in a 40% cost reduction through optimized resource allocation and effective usage tracking.
- Authored comprehensive audit responses, improving compliance by aligning systems with stringent data governance standards.
- Increasing team productivity by 15% through mentorship, performance evaluations, and task reallocation based on abilities.

#### Data Engineer

Columbus, Ohio

Anthem, Inc.

06/2016 - 01/2020

- Managed a team in redesigning and deploying replication infrastructure, achieving a 35% increase in data processing speed.
- Implemented ServiceNow for incident management, improving response time by 40% and enhancing customer satisfaction.
- Conducted root cause analysis on major system errors, reducing repeat incidents by 25% through process re-evaluation.
- Established performance benchmarks and regular review processes, leading to a 10% drop in critical incidents over a year.
- Led integration of new health care applications, ensuring compliance with industry standards and reducing launch times by 20%.

#### Integration Specialist

St. Louis, Missouri

Express Scripts

01/2013 - 05/2016

- Oversaw a major database migration project, successfully migrating over 500GB of data with minimal downtime.
- Implemented new endpoint setups, increasing system versatility and handling a 25% increase in user load.
- Streamlined replication access procedures, improving security and reducing unauthorized access attempts by 35%.
- Participated in strategic IT objectives development, aligning integration efforts with business goals and enhancing overall system efficacy.

### EDUCATION

#### Master of Science in Computer Science

Columbus, Ohio

The Ohio State University

01/2010 - 01/2012

#### Bachelor of Science in Computer and Information Science

Cleveland, Ohio

Case Western Reserve University

01/2006 - 01/2010

### PROJECTS

#### AWS Cost Optimization Tool

Created a tool for optimizing AWS resource use and cost savings by 20%. See project at [github.com/lucasrodriguez/aws-cost-tool](https://github.com/lucasrodriguez/aws-cost-tool)

## PROJECTS

### Real-time Data Replication System

Developed a niche replication system for handling real-time data processing. More on [github.com/lucasrodriguez/replication-system](https://github.com/lucasrodriguez/replication-system)

## KEY ACHIEVEMENTS

### Awarded IT Innovator of the Year

Recognition for reducing data processing overhead by 30% through innovative integration solutions.

### Developed Health Care Compliance Tool

Designed a compliance tool that ensured 100% alignment with healthcare standards, enhancing regulatory adherence.

### Published Article on Data Integration Best Practices

Featured in Tech Journal, reaching over 10,000 professionals in the industry.

### Team Excellence Award

Honored for implementing a system reliability initiative resulting in 40% fewer critical incidents.

## INTERESTS

### Data-Driven Solutions

Dedicated to crafting innovative solutions to complex integration challenges in the data landscape.

### Open Source Collaboration

Passionate about contributing to and leading open source projects in the data engineering community.