

Andrew Goolsbee

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Experience

Cleartrace : Remote

Senior Data Engineer

May 2024 - Current

Layoff and Personal Sabbatical

March 2023 - May 2024

- Prioritized caring for family, body, and mind in a purposeful sabbatical while also learning and applying new technologies like dbt, Snowflake, and OpenSCAD

National Instruments (NI) : Austin, Texas and Remote

Principal Software Engineer, Tech Lead

August 2022 - March 2023

- Created the technical direction for a distributed software licensing development team
- Collaborated with the Product Owner to manage backlog and prioritize tech debt
- Managed technical relationships, translating requirements to facilitate seamless integrations
- Integrated a vendor's licensing tool to support NI's software licensing data model

Senior Software Engineer, Tech Lead

August 2017 - August 2022

- Led technical direction for a distributed master data management development team
- Migrated data pipelines from on-premise to cloud, increasing performance by 8x
- Integrated diverse data into a scalable single source of truth using Spark and Airflow
- Developed data visualization tools in Oracle APEX to enable stakeholder self-service
- Interviewed, onboarded, and mentored on-site and remote teammates
- Worked with 3rd party vendors to troubleshoot application issues and add new functionality

Programmer Analyst II

August 2014 – August 2017

- Unified data silos into an operational data store as part of the new Product Master Data Management (MDM) team, utilizing Oracle SQL, Data Warehousing, and REST APIs

Programmer Analyst I

June 2012 – August 2014

- Developed PL/SQL applications and reports to support internal Sales and Marketing operations and external customer-facing documents
- Led NI's IT recruiting efforts for Baylor University and hosted career fairs on campus

Tools

Languages: SQL, PL/SQL, Python, JavaScript, HTML, CSS, Shell Script

Data Engineering: Apache Airflow, dbt, Informatica ICS, Informatica PowerCenter, Qubole

Databases: Oracle, Snowflake, PostgreSQL

Other: Git, Azure DevOps, AWS, Docker, Salesforce, Oracle APEX, Oracle EBS, IBM Product Master

Certifications: AWS Certified Cloud Practitioner (expired April 2023), dbt Fundamentals, Snowflake Data Warehousing Workshop

Volunteer

Austin Civic Orchestra

Technology Director, Board Member

July 2021 - Present

- Provide technical leadership and support, develop and manage self-hosted WordPress instance

Education

Baylor University : Waco, Texas

August 2008 - May 2012

Bachelor of Business Administration in Management Information Systems with Interdisciplinary Core

Last Updated: April 28, 2025