**ERIC ISRAEL**
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## Summary

Microsoft Certified Data Engineer with expertise in Microsoft Azure Data Architecture/Ingestion, Medallion Architecture, Synapse Analytics, Databricks, and Microsoft Fabric. Proficient in data migrations from On-Prem systems to Azure Cloud. Over 15 years of experience as a Business Intelligence Back-End Developer, with 4 years specifically in the cloud and prior experience in traditional BI reporting and data warehouse environments. Skilled in setting up, configuring, and creating pipelines to load data into Azure ADLS2. Experienced in creating data-driven pipelines and optimizing performance for Power BI reports.

## Professional Experience

**Prenticeworx**
*Microsoft Certified Cloud Data Engineer/Data Architect*
*Jan 2023 – Present*

- Architected internal ELT system connecting Microsoft Dynamics Dataverse data with Microsoft Fabric and Azure Synapse Analytics using the Medallion Architecture.
- Developed Azure Synapse Analytics ELT jobs for clients and consulted on Synapse projects.
- Developed Databricks notebooks for accessing delta live tables and mentored staff on Synapse and Microsoft Fabric.

**Infinity Sales Group**
*Microsoft Certified Cloud Data Engineer/Data Architect Consultant*
*Apr 2022 – Jan 2023*

- Architected Medallion Architecture with Synapse Serverless for a Marketing customer, integrating On-Prem SQL, Genesys Cloud API Data, Google Analytics, Verizon data, etc.
- Configured self-hosted integration runtime and created Synapse database with external tables and views.
- Developed single pipelines handling multiple data sources utilizing JSON configuration files.
- Worked with various data loading methods into Azure ADLS2 Data Lake, Azure Synapse Analytics, AZ SQL Database.
- Utilized Azure Databricks notebooks for processing JSON files into delta tables and pulling Genesys call queue data into Medallion Architecture.

**Microsoft MCS**
*Cloud Data Architect Consultant*
*Oct 2020 – Apr 2022*

- Managed offshore team in ELT development of Azure Data Factory Pipelines and migrated on-prem data to Azure Cloud.
- Worked extensively with Azure ADLS2 Data Lakes, Azure Synapse Analytics, and AZ SQL Database.
- Handled clinical data for a Cancer Research Company and managed data migration for a large Canadian Grocery Chain.
- Architect on LAUSD Cov19 project using Azure SQL and Synapse Link.

**Circle K**
*Cloud Data Engineer Consultant*
*July 2020 – Oct 2020*

- Developed Azure Data Factory Pipelines for data ingestion and processing.
- Utilized Databricks notebooks and created database objects.

**Clearway Energy Group**
*Enterprise Data Architect Consultant*
*July 2019 – July 2020*

- Developed Enterprise Data Warehouse Data Models using the Inmon method.
- Designed ETL processes for pulling data from various sources including SharePoint, SAP ECC, Salesforce, and renewable energy monitoring systems.
- Migrated Oracle 11g Database to AWS RDS and recommended Snowflake for cloud migration.
- Developed Python code for pulling unstructured data from SharePoint Documents.

**American Express Phoenix AZ**
*Lead Programmer / Analyst Consultant*
*Apr 2018 – July 2019*

- Lead Programmer/Analyst responsible for developing Teradata Database code for Compliance and Fraud Division.

**Andeavor, Tempe AZ**
*Senior SAP Data Migration Developer Consultant*
*Dec 2017 – Mar 2018*

- Led Hydrocarbon Supply Chain data stream as Senior Technical Data Lead.
- Developed ETL processes and reports for critical business entities.
- Extracted data from legacy sources and loaded into SAP 4 HANA using SAP BODS 4.2.

**Health Services Advisory Group, Inc. (HSAG), Phoenix AZ**
*Microsoft/Salesforce EDW Consultant*
*Sept 2017 – Dec 2017*


- Developed SQL Server 2016 SQL Queries/SSIS ETL Packages for MACRA data migration to Salesforce.
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**Kornferry, Los Angeles, CA | Mar 2017 – Sept 2017**
*Microsoft SQL Developer/ETL Lead EDW Consultan*t
- Re-architected ETL loads, saving over 3 hours on load time by implementing SAP Data Services best practices.
- Mentored staff on ETL development, administration, and server configuration for SAP Data Services.
- Conducted workshops with users to gather requirements and ensure system development aligned with business needs.

**Infosol, Phoenix AZ | Jan 2016 – Feb 2017**
*Microsoft SQL Developer/ETL Lead EDW Consultant*
- Developed over 100 SAP Data Services interfaces for staging data from diverse sources into a reporting EDW.
- Led the creation of Staging, Acquisition, Core Normalized, and CORE_BI denormalized layers in the EDW.
- Collaborated with business users to validate data and address EDW needs effectively.

**Arbonne International, Irvine CA | Feb 2015 – Jan 2016**
*Microsoft SQL Developer/ETL Lead EDW Consultant*
- Architected and developed SAP Data Services jobs for loading source data from various systems into SQL Server.
- Mentored ETL developers on SAP Data Services and contributed to the creation of Microsoft SSAS Cubes.

**Boeing, Renton WA | Sep 2014 – Feb 2015**
*SAP Lead Data Migration Consultant*
- Developed SAP Data Services jobs for pre-load and post-load validations of data migrated into SAP ECC.
- Collaborated with ABAP developers to stage SAP data for post-load reconciliation reports.

**McKesson, San Francisco CA | Feb 2014 – Aug 2014**
 *SAP Lead Data Services Architect*
- Led a Proof of Concept (POC) to transition DataStage ETL jobs to SAP Data Services for improved efficiency.
- Leveraged SAP Data Services features for bulk loading, merging updates, and parallelism to optimize ETL processes.

**First Solar, Tempe AZ | Oct 2013 – Jan 2014**
*Senior Data Warehouse Consultant*
- Architected ETL processes to move data between Salesforce CRM and SQL Server Data Warehouse.
- Developed Microsoft SSIS packages and SSRS reports for data loading and reporting needs.

**QuikSilver, Huntington Beach CA | July 2013 – October 2013**
*Senior Data Warehouse Consultant*

- Extracted SAP data including Customer, Vendor, and Material information using SAP Data Services ABAP data flows.
- Developed Microsoft SSIS packages to load data into SQL Server 2008 R2 Data Warehouse.
- Designed and implemented database objects including tables, views, and stored procedures in SQL Server 2012 and Oracle 11g.
- Created and maintained Microsoft SSRS reports for data visualization.

**Salt River Project, Tempe AZ | Sept 2012 – June 2013**
*SAP Principle Data Migration Consultant*

- Customized SAP Data Migration Toolkit Data Services 4.0 ETL Jobs for various objects including Customer and Material Master.
- Cleansed and de-duplicated customer master data using SAP Data Services.
- Mentored developers on best practices and administered code migrations across environments.

**Intel Corporation, Chandler AZ | Apr 2011 – August 2012**
*Business Objects Architect/Developer*

- Supported multiple BOBJ XI 3.1 Reporting environments and administered reporting servers.
- Developed new BOBJ XI 3.1 Universes and Web Intelligence reports.
- Maintained SQL Server 2008 R2 stored procedures and views for reporting Data Warehouse/Data Marts.
- Mentored power users on Web Intelligence Reporting best practices.

## Education
- AA in Business Data Processing, Scottsdale Community College, 1980

*Seeking a position as an Azure Data Engineer\Architect.*