

Eric Um

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PROFILE

Application Analyst with experience in various Azure resources, relational databases, and ETL pipelines. Primarily using Salesforce to provide data analysis support, end-to-end testing, and configuration. Eager to continue exploring the world of data and data exploration!

TECHNICAL SKILLS & PLATFORMS

Data Engineering | ETL/ELT, Data Integration, Data Processing

Programming | Python, SQL, JavaScript, HTML, CSS

Database | PostgreSQL, Azure SQL Database, Azure Blob Storage, Data Warehouse

Cloud Platforms | Microsoft Azure, Azure Synapse Analytics, Azure Data Factory (ADF)

Project Management and ITSM Software | Azure DevOps, Liquid Planner, Ivanti, Notion

WORK EXPERIENCE

Salesforce Application Analyst

May 2021 - Present

Acadia Healthcare, Franklin, TN

- Designed and managed Salesforce flows to streamline user provisioning processes, reducing administrative workload by 20%.
- Devised Excel-based system for precise onboarding of intake and business users, ensuring accurate access granting.
- Initiated the creation and execution of test scripts using Azure DevOps to thoroughly test new features, ensuring the absence of bugs and contributing to meeting sprint deadlines for the application's success.

Service Desk Analyst

September 2020 – May 2021

Acadia Healthcare, Nashville, TN

- Created an accelerated 17-page training guide with a comprehensive table of contents for new hires, enabling efficient onboarding and rapid familiarity with key technologies and challenges.
- Resolved 1000+ tickets, promptly diagnosing and solving hardware and software issues, ensuring efficient solutions and strong customer service.

EDUCATION & CERTIFICATIONS

Associate of Information Technology Major Cyber Security

Motlow Community College

DP 900 - Azure Data Fundamentals

DP 203 - Azure Data Engineer Associate

Microsoft Certification

PERSONAL PROJECTS

Extract, Transform, Load Anxiety & Depression Symptoms Data [\[View Github\]](#)

Description: Employed ETL processes to analyze depression data, exploring race-related differences in anxiety and depression symptoms to identify trends.

Tools Used: CDC API, Visual Studio with Python, PostgreSQL, pgAdmin4, Flourish

Achievements:

- Gathered authoritative data on anxiety and depression symptoms through CDC API.
- Leveraged Visual Studio with Python for efficient data extraction, transformation, and loading.
- Implemented PostgreSQL as a reliable data storage solution.
- Utilized pgAdmin4 for seamless data querying and management.
- Created engaging visual graphs for data representation using Flourish.

Google API Integration for Houston Restaurants [\[View Github\]](#)

Description: Integrated Google API to retrieve data on Houston restaurants, utilizing Azure data tools to process and analyze API data.

Tools Used: Google Places API, Visual Studio, Azure Pipelines, Azure Synapse Studio, Flourish

Achievements:

- Obtained comprehensive data on Houston restaurants through Google Places API.
- Applied Visual Studio for effective data extraction and preparation for database storage.
- Facilitated data transformation and loading into the data lake with Azure Pipelines.
- Utilized Azure Synapse Studio for creating SQL scripts to refine and analyze data.
- Created a visual chart for clear data representation using Flourish.

Web Portfolio with Data Engineering Projects [\[View Github\]](#)

Description: Developed a web portfolio showcasing various data engineering projects, emphasizing front-end skills and data-driven solutions.

Tools Used: Visual Studio, Azure Storage Account, Azure Static Website

Achievements:

- Created a front-end website using HTML, CSS, and JavaScript using Visual Studio.
- Utilized Azure Storage Account for data management and hosting of the static website.
- Deployed and served static web content using Azure Static Website.