

# SAMRAT ASHOK CHAKKARAWARTHY AK

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## SUMMARY

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Data Engineer with 2+ years of proven experience designing and managing end-to-end ETL/ELT pipelines for data ingestion, transformation, modeling, and analytics. Skilled in handling large structured and unstructured datasets using Azure Data Factory, SQL, and Python. Adept at improving data workflows, maintaining high data quality, and delivering reliable, actionable data for business intelligence and reporting.

## SKILLS

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- **Cloud Platforms:** Azure Data Factory (pipelines, triggers, automation), Azure SQL Database, Azure Blob Storage, ETL/ELT pipeline design, data transformation, data validation.
- **Databases:** Azure SQL Database, MySQL
- **Languages & Tools:** Python (Pandas, NumPy), SQL, Power BI
- **Others:** GitHub, React

## EXPERIENCE

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### ETL Engineer

#### Automated Customer Analytics Data pipeline

- Designed and maintained robust daily ETL/ELT data pipelines for sales and customer data using Azure Data Factory and Azure SQL Database
- Automated data ingestion workflows from Azure Blob Storage (structured & unstructured) using event triggers, parameterized pipelines, and pipeline automation.
- Developed and deployed Azure Functions with Python scripts and advanced SQL stored procedures for comprehensive data cleaning, transformation, and validation tasks.
- Implemented real-time Change Data Capture and SQL to monitor data changes and maintain data integrity.
- Configured monitoring, logging, and automated alerts with Azure Logic Apps to proactively detect and resolve issues.
- Managed source code, parameterization and deployment workflows through Azure DevOps.
- Delivered clean, production-ready datasets for Power BI dashboards and Reporting.
- Documented ETL/ELT pipeline architecture and data workflows to facilitate team handovers and smooth onboarding.

### Web Design

#### Restaurant Management Website

- Designed a simple restaurant website using HTML and CSS, including pages for menu listings, table reservations, and contact details.
- Used semantic HTML and clean CSS layouts to create a user-friendly, visually consistent site with clear navigation.
- Used CSS to style layouts, add colors, fonts, and a simple navigation bar for a better user experience.

## EDUCATION

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#### Pandian Saraswathi Yadav Engineering college

SEP 2018 - MAY 2022

- Graduated engineering in computer science - 74.2%

#### Govt. Higher Secondary school

JUN 2015 - MAY 2018

- Higher Secondary - 84.2% SSLC - 96.2%

## ACHIEVEMENTS

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- Received Shining Star award for best performance

## CERTIFICATION

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- Python certification - **GUVI**
- Data Analytics & Excel Data Analysis - **EDUBRIDGE**
- SQL - **UDEMY**