Amey Kokane

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PROFILE OF QUALIFICATIONS

- Experienced BI/Data engineer with a decade of healthcare expertise in leveraging data for operational improvements and strategic decision-making. Solid understanding of Medical, Rx, Healthcare Management, Behavioral Health, and Laboratory claims data, complemented by proficiency in BI tools and programming languages.

SKILLS

- **Languages –** SQL (Stored Procedures, CTEs, Window Functions, Sub-queries, Query Optimization), Python (OOP, Pandas, Numpy, Selenium, PySpark), Bash, SAS, R
- **Tools –** Teradata, Tableau, Alteryx, Apache Airflow, Apache Spark, dbt, Docker, Docker Compose, GitHub, Jenkins
- **Cloud –** Google Cloud, Azure Cloud

PERSONAL PROJECTS

- Orchestrated an ETL batch pipeline by extracting City of Chicago traffic data and moving it to cloud data lake (Google Cloud Storage), then transforming it using PySpark (Google DataProc) cluster and finally loading it into Google BigQuery data warehouse to be consumed by BI tools for dashboarding and reporting.
  - Used Apache Airflow for orchestrating DAGs to extract, load and transform data. Docker/Docker Compose for data pipeline application containerization.
  - GitHub Repo - https://github.com/AmeyKokane/DTC_Capstone_Project
- Azure Resume Challenge
  - In completing the Azure Resume Challenge, I established a Resource Group to host backend and frontend services. For the backend, I utilized Azure CosmosDB as a serverless NoSQL database and Azure Functions with a basic Node.js script to update a visitor counter. The frontend encompassed a static website hosted on Azure Blob Storage and distributed via CDN with GitHub Actions for continuous deployment. JavaScript was used to dynamically update visitor counts.
  - Additionally, I implemented a custom domain and CDN endpoint by pointing the domain to the CDN and configuring SSL certificates. This experience showcased my proficiency in Azure services.

PROFESSIONAL EXPERIENCE

- **Principal Analytics Consultant** *(Health Economics Team)* **at HCSC @ Chicago, IL**   *Sep 2021 – Current*

- **Senior Analytics Consultant** *(Health Economics Team)* **at HCSC @ Chicago, IL**   *Oct 2018 – Jul 2021*

- **Advanced Analytics Consultant** *(Health Economics Team)* **at HCSC @ Chicago, IL**   Mar *2017 – Sep 2018*
- **Data Analyst** at HCSC @ Chicago, IL   Apr *2016 – Mar 2017*

- **Data Analyst II at Centene Corporation @ Chicago, IL**   *Jul 2014 – Apr 2016*

- **Data Analyst at Advance Med, An NCI Company @ Omaha, NE**   *Dec 2011– Jun 2014*