

SUMMARY

Determined and Focused professional in the field of Data Engineering with over 4 years of experience. Contributed to projects like data ingestion, data modeling, ETLs, building pipelines, and more.

WORK EXPERIENCE

Cerner | Data Engineer

July'18 – Present

- Translated business propositions into quantitative queries in SQL and collect/clean the necessary data.
- Performed large-scale data conversions, transferring CSV data into standardized HL7 formats for integration into Cerner Millennium using python.
- Enhanced data extraction scripts in PL/SQL and deployed them in different client domains.
- Designed and implemented a batch data pipeline to process semi-structured data, transform it as per Cerner standards and hence, load the processed data in the database.
- Collaborated with Ambulatory Data team on ETL tasks, maintaining data integrity and verifying pipeline stability.
- Onboarded/Departed around 15 clients' data to/from Cerner Millennium, performed data ingestion and cleansing, transforming, and loading using python.
- Developed job scheduling for the ETL processes using Apache Airflow.
- Created and revised logical data models of the Cerner Millennium database and presented in front of the team.
- Prepared written summaries to accompany results and maintain documentation.
- Contributed to internal activities for overall process improvements, efficiencies, and innovation.
- Well equipped with HIPAA & CDC guidelines and have a thorough understanding of US Healthcare.
- Worked with data formats that include HL7, CCD, CDA, CSV, JSON.

Cerner | Software Intern

Jan'18-Jun'18

- Used Python, SQL, and Spark to collaborate with 2 interns to implement data ingestion.
- Along with this, built a basic ETL that helped demonstrate the application of using Extract, Transform and Load processes in the team.

Rakya Technologies | Software Intern

Dec'16-Feb'17

Spearheaded, designed, and developed a Content Management System using Drupal. Leveraged Drupal's in-built modules to establish the website. Supported and maintained site configurations for 2 months.

SKILLS

Languages – C++, SQL, PL/SQL Python, VBA, HTML, CSS, JavaScript,

Frameworks & Tools – Apache Spark, Airflow, PySpark

Data Formats – XML, JSON, HL7, CCD, CSV

Database – Oracle

EDUCATION

Bachelor's in technology, Computer Science and Engineering

Aug'18

Vellore Institute of Technology, Chennai, GPA – **8.96**

Relevant Coursework : DBMS, OOPS, Software Engineering, Data Structures and Algorithms, Operating Systems, Distributed Computing

EXTRA - CURRICULAR

- Regional Level Pre-finalist in ICTACT Youth Present 2017
- Volunteered at beach cleaning, blood donation camp, and more at National Service Scheme, VIT
- Teaching Volunteer at First Hand Foundation, Cerner
- Web development volunteer at sheforchange.org