

William C. White

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Cloud Data Engineer with experience in creating reliable data pipelines while collaborating with stakeholders to build and maintain backend services to support user facing products and downstream services. Holds a Bachelor of Business Administration in Computer Information Systems and a Web Development | Coding Certificate from Georgia Institute of Technology.

CORE COMPETENCIES

Python, JavaScript, SQL, Terraform, Apache Beam, Flask, Docker, Kubernetes, Kafka, Airflow, Apigee, GitLab CI/CD, Jenkins, Nexus Repository Manager

Google Cloud Platform: BigQuery, Cloud Functions, Cloud Run, Cloud Scheduler, Cloud Storage, Cloud Tasks, Compute Engine, Dataflow, Dataplex, Eventarc, Firestore, Kubernetes Engine, Logging & Monitoring, Pub/Sub, Secret Manager

EXPERIENCE

Gordon Food Service, Remote

11/2020 - Present

Intermediate Data Engineer

06/2021 - Present

Cloud developer and architect of multiple distributed services including data ingestion pipelines, APIs, and data governance procedures.

- Spearhead organization data strategy movement to data mesh approach, creating secure methods & procedures to allow business domains to own/steward their data.
- Architect and develop abstract BigQuery to CloudSQL service, enabling end-users to move business-specific data from BQ data lake to a low latency CloudSQL instance.
- Create Terraform modules for repeated and easy use of GCP-based resources including Cloud Run, IAM, Pub/Sub, GCS, and entire GCP projects.
- Provide snapshot tables to capture current state of CDC, File, and API-based tables in BigQuery using Composer with Airflow.
- Update existing Dataflow CI/CD pipelines to allow for environment specific deployments.
- Work closely with data science teams to ingest & curate data as needed while guiding teams with common data tools and best practices.
- Upgrade security of serverless data applications in compliance with raised Wiz security vulnerabilities.
- Develop SFTP ingestion service capable of connecting to AWS EC2 instance to process secure files into data lake via ETL pipeline.

Continued...

Associate Data Engineer

11/2020 - 06/2021

Python developer, responsible for company data lake in addition to creation & maintenance of data pipelines.

- Sole developer of API-data ingestion pipeline utilizing Cloud Functions, schema auto-detect logic, customized pagination handling, and schema evolution.
- Effectively write unit tests for legacy code base and increased code coverage from 55% to currently 100%.
- Owner of Internal Consumption Data Store(ICDS) infrastructure comprising Dataflow ETL pipelines, CloudSQL databases, and BigQuery snapshot tables.
- Successfully led executive-sponsored initiative to ingest sensitive CRM data for SVOC project.
- Develop containerized Flask apps deployed to Cloud Run in addition to creating team CI/CD process for deploying Cloud Run applications.
- Extract common Python libraries into custom built Nexus packages to minimize repeated code.

EXPERIENCE CONTINUED

HD Supply, Atlanta, GA

10/2019 - 11/2020

Associate Developer - DevOps

Admin of numerous platforms including eBiz landscape servers, Splunk, Jenkins, Atlassian tools, and MuleSoft.

- Successfully developed multiple Splunk apps for data ingestion, correct parsing/assignment of data, and created dashboards for Senior Leadership Team.
- Architected batch process for periodically pulling in OpsGenie API data using Python scripts and Linux file system.
- Created Python scripts for data retrieval utilizing API calls and web scraping to populate executive and developer used dashboards.
- Collaborated with many different teams to on-board and continuously help their integration to the Opsgenie Alert Management Platform.
- Effectively deployed MuleSoft applications and bi-weekly eBiz releases to stage and production environments.

EDUCATION

Splunk Core-User Certified | 2020

Georgia Institute of Technology - Atlanta, GA

Full Stack Web Development | Coding Certificate | 2019

Intensive boot camp program focused on gaining technical programming and market-driven skills in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Node.js, Express.js, React.js, Database MongoDB, MySQL.

Georgia State University - Atlanta, GA

Bachelor of Business Administration: Computer Information Systems

Former Georgia State University Baseball player, voted team captain for 2018-19 season.