

Ankit Bisen

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PROFILE

Associate Software Engineer with 1.8 year of experience in developing and maintaining data pipelines and **ETL/ELT** workflows. Utilized technologies like **Python, SQL, PySpark, Databricks, and Azure** . Contributed to building reliable data pipelines and assisting in **data warehouse** operations while ensuring data quality and performance.

TECHNICAL SKILLS

Programming Languages: Python, SQL, Javascript,C++
Big Data Technologies: Spark, PySpark, Spark SQL
Cloud computing: ADF, ADLS, Azure Synapse, Databricks, Aws S3
Data Engineering Tools: Data Modelling, ETL/ELT data Pipeline
Orchestration: Apache Airflow
Other: Docker(Basics), ReactJs, NodeJs,Mongoose, RESTAPI,Git

EXPERIENCE

KPIT Technologies Aug 2024 – Present
Associate Software Enginner *Bangalore, India*

- Optimized data ingestion and storage using **Azure Data Lake** and **PySpark**, increasing team productivity by **60%** while reducing data processing time by **50%** and improving data accuracy.
- Orchestrated **ETL pipelines** using **ADF, Databricks** to automate batch data processing workflows.
- Designed **dimensional data models** and **optimized warehouse tables** to support dashboards for vehicle diagnostics and performance monitoring.
- Developed reusable **React components** for a real-time vehicle telematics dashboard using **Hooks** and **Redux** , featuring asynchronous data fetching, interactive visualizations, and dynamic tabular views; additionally automated repetitive tasks by building **Python**-based executable scripts.

PROJECTS

End-to-End Data Lakehouse Pipeline Github

- Designed and implemented an **end-to-end data pipeline** integrating **AWS S3, ADF, Databricks, and Azure Synapse Analytics** using **Medallion Architecture** (Bronze, Silver, Gold).
- Built **dynamic, metadata-driven ADF pipelines** with parameterization, ForEach, and Execute Pipeline activities to handle scalable **multi-folder** and **multi-file** ingestion.
- Developed **Incremental data ingestion** and processing logic to load only new files from **S3**, improving performance and reducing redundant computation by **60%**.
- Implemented **PySpark** transformations in **Databricks** and built Synapse external tables/views, enabling efficient data processing and analytics-ready data modeling.

NPM Package | *Javascript, Babel AST* Github

- Developed a CLI and **npm** package to automatically delete or comment console statements in **JS/TS** projects.
- Leveraged **Babel AST** parsing for accurate and safe transformation of console logs, preserving code structure.
- Built dual modes: delete for removing and comment for temporarily disabling console statements.Supported **React, Next.js, Node.js, and TypeScript** projects with both CLI and programmatic usage.

EDUCATION

Samrat Ashok Technological Institute Vidisha, MP
Bachelor of Technology in Electronics and Communication *Aug. 2019 – May 2023*

Certifications

Database Management System (Nptel) Preview