



• Date of birth: 28 September 1998

• Place of birth: Karmala

• Nationality: Indian

Amit Dhawale

Data Engineer At Accenture

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PROFESSIONAL SUMMARY

4.4+ years of Experience in Data Engineering at Accenture and with Python, AWS, Data Migrations, Data bricks, AWS Glue, Pyspark, Data Validation, Data Governance, Data Modeling, API, SQL, ETL, Git, Docker, CI/CD, Lambda, Stepfunction, Cloudwatch, RDS, SNS, SQS, - EC2, Notification,

AWS (S3, Glue, Redshift, Athena), Airflow, Data Warehousing, Pandas, NumPy, Power BI, Snowflake, PostgreSQL, MySQL, Hadoop HDFS, Parquet, JSON, XML, Data Pipeline, BigQuery, REST APIs, Data Lake, Cloud Storage

Azure Data Factory, Azure Blob Storage, Azure Data Lake, Azure Logicapp, Azure Data pipeline, Azure Databricks

EXPERIENCE

- March 2024 - Now

Data Engineer

Corten Logistics / UK

Domain: Logistics, Shipping, and Supply Chain Management Skills sets: Python, Django, API, API testing, Postman, Jira Cloud : AWS, Lambda, RDS, ETL, DevOps, Git, s3, Docker, - SQL, Snowflake, Redshift, SES, SNS

Shipping Transformation Project Summary

The project aims to modernize logistics by automating processes, reducing costs, and improving customer satisfaction. It uses cloud technology and advanced analytics to optimize shipping, enhance real-time tracking, and improve operational efficiency.

Objectives:

- Automate logistics processes and reduce manual work.
- Provide real-time tracking and predictive delivery updates.
- Optimize performance and reduce shipping costs.

Process Flow:

1. Customers send emails with logistics data.
2. Logic app stores data in staging.
3. Data is anonymized and stored in Couchbase.
4. Orchestration pipeline identifies the customer and processes the data.
5. ML pipeline predicts logistics metrics.

Challenge: Identifying the correct customer from incoming data.

- **Solution:** Use an algorithm to match email details and data with customer records.

The project aims to improve operational efficiency and customer experience while optimizing logistics costs.

- January 2023 - February 2024

Data Engineer

UHC / US

Project Name:

Automating Form Filling and Customer Data Management for United Health Care (UHC)

Skill Sets

- **Programming Languages:** Python (Pandas, PyArrow, Fuzzy-Wuzzy, OpenPyXL)
- **Data Transformation Techniques:** Fuzzy Matching, Data Normalization, Validation, Standardization
- **Cloud Services:** AWS (S3, Glue, SageMaker)
- **Data Formats:** Parquet, CSV
- **Data Quality Tools:** Levenshtein, Metaphone, Snowball Stemmer
- **Orchestration and Workflow:** AWS Glue, Bulk Upload APIs, SharePoint Integration
- **File Handling:** Email Attachments, API Integration, Large Volume Data Management
- **Cost Optimization:** Transition from Databricks to AWS Glue

- February 2021 - December 2022

Data Engineer

Acumatica

Project Name - Optimization Of Project Costing

I worked on an ERP project where manual budget estimations led to over- or under-estimations. Using machine learning, we developed a solution to predict project budgets more accurately.

Skill sets:

Azure SQL Database, Azure Data Factory, Azure Synapse Analytics, Azure Data Lake Storage, Azure Blob Storage, Azure Cosmos DB, Azure Table Storage, Azure Stream Analytics, Azure Databricks, Azure HDInsight, Azure Purview, Azure Functions, Azure Event Hubs, Azure Data Explorer, Azure Monitor, Log Analytics, Azure Key Vault, Azure Active Directory (AAD), Azure DevOps, Terraform, ARM Templates, Power BI (integration).

Skills and Technologies Used:

- Programming Languages: Python

- Data Handling: Oracle Database, SQL (for data extraction and preprocessing)
- Data Cleaning & Exploration: Pandas, NumPy, Matplotlib, Seaborn
- Machine Learning Models: Linear Regression, Random Forest, Gradient Boosting
- Model Evaluation: Mean Absolute Error (MAE), Root Mean Squared Error (RMSE)
- Version Control: Git
- Monitoring & Maintenance: Continuous performance tracking

EDUCATION

- August 2016 - May 2020

Bachelor of Engineering

Dr. D.Y. Patil Institute of Technology / India, Pune

SKILLS

Python Expert	Big Data Expert	SQL Expert	Data Warehousing Expert
Data Mining Expert	ETL Expert	Apache Spark Expert	Data Modeling Expert
Cloud Computing Expert	NoSQL Expert	Machine Learning Expert	Data Analysis Expert

HOBBIES

- Swimming
- Reading
- Traveling