

ANIKET ANKUSH GHADI

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SUMMARY

Experienced Data Engineer in designing, developing, and supporting data pipelines and scalable APIs. Specialist in the analysis of failure patterns. Detail-oriented and organized with a strong focus on delivering high-quality work within deadlines leveraging agile methodology.

EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK

Master of Science, Management Information Systems (STEM Designated)

June 2023

Coursework- RDBMS, OLAP, Data Visualization, Statistical Analytics, Social Network Analytics, Predictive Analytics

MUMBAI UNIVERSITY

Bachelor of Engineering, Electronics, and Telecommunication

May 2018

PROFESSIONAL EXPERIENCE

Senior Data Engineer, LTI, Mumbai, India

May 2021 - August 2022

- Led and mentored a team of six developers to curate high-quality data models to ensure that data is accessible and reliable
- Integrated sales and margin data from heterogeneous databases, utilizing Power BI for business decisions – reducing manual work by 20% by
- Enhanced 400+ Informatica ETL workflows, implementing scalable solutions with performance tuning for bulk loads reducing run time by 20%
- Designed data distribution infrastructure utilizing big data techniques hosted on AWS, data lake on Snowflake to be leveraged by 500 users
- Addressed data quality issues, implementing corrective measures, resulting in a 25% decrease in consumer complaints

Data Engineer, LTI, Mumbai, India

December 2018 - May 2021

- Developed a migration readiness assessment document for on-premises to cloud adoption showcasing 30% improvement in data processing
- Automated data pipeline scheduling through shell scripting language estimated a capital savings opportunity of ~\$10k in licensing
- Supported ETL jobs using Airflow, identified and made necessary changes in the code, pushed them to production after UAT
- Resolved Level 1 production issues through code debugging and log analysis, curated root cause analysis to minimize operational errors by 10%
- Collaborated with stakeholders to understand new and changing business requirements and delivered highly scalable technical solutions to drive business change, boosting user satisfaction by 20%

ACADEMIC PROJECT/EXPERIENCE

StockStream: Continuous Stock Market Data Flow and Insights (Python, Kafka, AWS EC2, Athena, Glue crawler)

May. 2023-Jun. 2023

- Implemented a Python script to automate the process of loading stock market data from a CSV file into the producer stream of Kafka, enabling real-time data processing and analysis
- Built a highly scalable Kafka cluster on an EC2 instance in AWS, resulting in a 99.9% uptime and ensuring data stream was always available for consumption by the consumer script
- Extracted business insights from stock market data using Athena, which can be used to inform investment decisions

YouTube Trending Video Analysis (AWS Services - Athena, Glue, S3, QuickSight)

Jan. 2023-Feb. 2023

- Architected a scalable data pipeline with AWS Glue ETL to transform over 100k records, stored securely in an S3 bucket
- Employed Lambda functions to clean and preprocess JSON data, converting it into optimized parquet format, and automated the process through a file load trigger, ensuring data accuracy and consistency
- Utilized QuickSight to analyze engagement metrics, identifying top-performing videos, and improve marketing strategies

Netflix Navigator: A Data-Driven Content Optimization Dashboard (Tableau, Excel)

Sep. 2022-Oct. 2022

- Engineered a scalable Netflix dashboard on Tableau, enabling streamlined data integration and analysis for 50k+ records
- Leveraged advanced data analytics techniques to uncover insights and trends, driving a 2x ease in understanding user preference

Global Business Dashboard (Power BI, Excel)

Jan. 2022-May 2022

- Revamped reporting system, replacing 20 channel reports with a unified sales and order KPI dashboard for streamlined stakeholder insights
- Examined comments to execute analysis for finding reasons of decline orders, saved forecasted ~\$10k loss

SKILLS

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| • Programming Languages: | SQL, Python, PySpark, C++, Java, Visual Basic, Bash (Zsh), R, Powershell |
| • Databases: | MySQL, SQL Server, Oracle, PostgreSQL, Cassandra (NoSQL), SAP Hana, AWS Redshift |
| • Cloud: | Amazon Web Service, Google Cloud Platform, Microsoft Azure |
| • Miscellaneous & Software: | Snowflake, Docker, Airflow, Kafka, Agile, JIRA, CI/CD, SAS, Splunk, Spark |
| • Reporting Tools: | Tableau, SAP Business Objects, Microsoft Power BI, Macros, Looker |
| • ETL Frameworks: | Informatica PowerCenter, Talend, Orange, Azure Data Factory, SAP BODS, AWS Glue |

LEADERSHIP EXPERIENCE AND ACTIVITIES

- Startup elevator pitch winner: GiltFree (Unlock, Track, and Redeem: Seamlessly Connect Your Reward Points Across Merchants)
- ACE Performance award from one of the Fortune 100 clients I worked for back in April 2022
- Published a paper at the IEEE Conference on Advanced Computation and Telecommunication (ICACAT) in Dec 2019 [View Here](#)

CERTIFICATIONS AND TRAINING

- Microsoft Certified: Azure Fundamentals (AZ-900)
- AWS Fundamentals Specialization – Coursera
- Linux and Bash for Data Engineering - Coursera