ANIKET ANKUSH GHADI

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SKILLS

- **Programming Languages and ETL - Cloud Tools:** SQL, Python, Bash, Java, AWS, GCP, Azure, Informatica, Orange
- **Databases and Reporting Tools:** Oracle, SSMS, DynamoDB, BigQuery, Redshift, Tableau, SAP BO, Power BI, Looker
- **Miscellaneous:** Snowflake, Docker, Airflow, Kafka, Agile, JIRA, CI/CD, SAS, Service Now, Spark, Rest API, Git

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

UNIVERSITY OF MUMBAI

Bachelor of Engineering, Electronics, and Telecommunication   **May 2018**

PROFESSIONAL EXPERIENCE

Senior Data Engineer, LTI - CARRIER, Remote   **May 2021-August 2022**
- Led a team of 6 to build data solutions leveraging AWS services and built scalable data management for a $200Mn business vertical
- Integrated sales data from various sources ensuring data quality, increasing accuracy in dashboards for decision-making by 15%
- Designed data lake, enabling accessibility to data for 150+ analysts across globe, resulting in a 20% faster generation of ad-hoc reports
- Conducted workshops for business teams, enabling them to leverage data insights, improving data literacy of the organization by 25%
- Revamped real-time data platform to empower teams for monitoring customer behavior, drove 20% upsell, boosted revenue by $2Mn

Data Engineer, LTI - CARRIER, Mumbai, India   **December 2018-May 2021**
- Constructed data archiving script that reduced storage costs by 50%, freeing up resources for initiatives and annual savings of $100K
- Utilized in-depth knowledge of business domains for project delivery and resolving issues, enhancing customer satisfaction by 25%
- Curated a on-premises to cloud migration readiness assessment showcasing 30% operational efficiency and cost-effectiveness
- Automated data pipeline scheduling through scripting that estimated a savings of ~$10K in licensing and 100 man-hours per quarter
- Resolved Level 1 data issues through logs, performed root cause analysis to implement robust controls, reduced repeat errors by 70%

ACADEMIC PROJECT/EXPERIENCE

NYC Taxi Trip Analysis (Python, SQL, MAGE , GCP Bigquery, Compute Engine, Looker)   **June 2023-July 2023**
- Developed a Python script to create a data model for 100k+ raw data on cloud storage, enabling dimensions and fact table generation
- Installed MAGE data plumbing on compute engine, reducing code writing by 20% while exporting data seamlessly to BigQuery
- Created an interactive dashboard using Looker service, displaying essential KPIs on payment modes and the busiest day hour

StockStream: Continuous Stock Market Data Flow and Insights (Python, Kafka, AWS EC2, Athena, Glue crawler)   **May 2023-June 2023**
- Implemented a Python script to automate the process of loading stock market data into the producer stream of Kafka, enabling real-time data processing for over 30k records per hour.
- 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)   **January 2023-February 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 automating the process through a file load trigger, saving 10% of manual work
- Used QuickSight to analyze engagement metrics, identifying top-performing videos, and improve marketing strategies

Netflix Navigator: A Data-Driven Content Optimization Dashboard (Tableau, Excel)   **September 2022-October 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

LEADERSHIP EXPERIENCE AND ACTIVITIES

- Elevator pitch competition winner: University at Buffalo, SUNY in association with Blackstone Launchpad
- ACE Performance award: LTI CARRIER for demonstrating outstanding performance
- Joint Event Director: St. Francis Institute of Technology, Mumbai University Cultural and Technical Festival
- Published a paper at the IEEE Conference on Advanced Computation and Telecommunication (ICACAT) View Here

CERTIFICATIONS AND TRAINING

- Microsoft Certified: Azure Fundamentals (AZ-900)
- AWS Fundamentals Specialization
- Jenkins on AWS
- Python Data Analysis