KSHITIJ ZOPE

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EDUCATION

Master of Science, Management Information Systems, University at Buffalo, SUNY, NY   06/2022
Post Graduate Diploma in Big Data Analytics, CDAC, Pune, India   02/2019
Bachelor of Engineering in Electronics and Telecommunication, University of Mumbai, India   06/2018

TECHNICAL SKILLS

Languages: SQL, Python, R   **Data Visualization:** Tableau, Power BI, SSAS
Cloud: AWS, Microsoft Azure   **Database Technologies:** Oracle, SQLite, PL/SQL, MySQL, MongoDB
Project Management: Agile, JIRA, Git   **Statistical Analysis:** Python, R, SAS
Data Warehousing: Informatica Power Center, Informatica Cloud, AWS Glue, Pyspark, SSIS.

EXPERIENCE

Programmer Analyst, Cognizant Technology Solutions., Bangalore, India   08/2020-06/2021
    Tech Stack Informatica, SnowFlake, AWS Redshift, SQL, PL/SQL, Power BI, JIRA, Pyspark
- Devised, tested, and consolidated 3 systems through Informatica workflows with support for a scalable analytical data warehouse to create insights for dashboards.
- Built, and tested business KPIs in Power BI with downstream services and client frontend components with inventory management and product lifecycle to save upto $5M in inventory cost.
- Led product analytics initiative from design to delivery to establish, integrate and support Snowflake data warehouse for performance optimization and cost reduction techniques.
- Orchestrated 3 feature releases using Jenkins CI/CD pipeline. Built 2+ Power BI dashboards to monitor revenue performances in real-time with QTD and quarterly targets and cut down inventory mismanagement.
- Configured multiple feature A/B tests to test data pipelines, reducing data issues streaming data influx through upstream systems.
- Cultivated process improvements as a database owner to increase user accessibility, improve cost reduction, and speed of query execution, and resolve dependencies with developers.

Associate IT Developer, Medtronic., Bangalore, India   02/2019-08/2020
    Tech Stack Informatica, Python, Power BI, Shell Scripting, Jenkins
- Interacted with client cross-functionals SMEs and business analysts to gather and translate business requirements into a technical and functional ETL architectural design document and developed a timely and effective execution plan.
- Create, and deploy data pipelines using Informatica to facilitate Power BI dashboards for expense reporting.
- Led a team of 2 people and built 3+ Power BI dashboards for expense reporting and designed various security levels as per designation in the organization.
- Devised an algorithm for automation of expense dataset leveraging Python, reducing process time by 10 hours per week.
- Devised customized reports and interactive key metrics to assess current and historical expenses and saved over $15M.
- Collaboration between product owner and stakeholder to personalize and design products to cater to needs across all verticals, extending follow-up assistance to client accounts to reduce analysis time by 10%.

ACADEMIC PROJECTS EXPERIENCE

Mental Health Apps research (Machine learning and AWS data warehouse)   02/2022-05/2022
- Developed a data warehouse in AWS Redshift for facilitating NLP using spacy, NLTK algorithms.
- Integrated web scraping python algorithm in AWS Lambda(boto3) and built ETL pipelines in AWS Glue for creating a single dataset out of normalized datasets.

PrimaryCare IPA (Datawarehouse development)   11/2021-02/2022
- Developed a data pipeline using SSIS to migrate all excel datasets onto SQL Server.
- Implemented automation of Python automation for data curation and loading to server.

PrimaryCare IPA (Expense Analysis)   08/2021-12/ 2021
- Developed an analytical workload to integrate all patient expense datasets into a single dataset using python for ETL.
- Built an expense dashboard in Tableau to report all expenses based on referrals of doctors to specialists and help to reduce costs based on specialist referrals, helping to save $500k.

CERTIFICATIONS
- Tableau Desktop Specialist   01/2022
- Professional Scrum Master (PSM) -I   04/2022