

ARITRA GHOSH

SENIOR DATA ENGINEER

CONTACT INFO

Mobile: (+91) 7980661610
Email: arighsh2006@yahoo.co.in
Address: Mumbai, India
LinkedIn: www.linkedin.com/in/arighsh

PRIMARY SKILLS

- Matillion
- Talend
- Snowflake
- SQL Server
- Looker
- AWS(S3, EC2, Lambda, SQS, SNS, State Manager, Secrets Manager, IAM, Parameter Store)
- Python

SECONDARY SKILLS

- Pentaho/Kettle
- SSIS
- MySQL
- Tableau
- Power BI
- Azure
- Machine Learning Models
- GIT

CERTIFICATIONS

- 70-761 : Querying Data with Transact-SQL.
- 70-762 : Developing SQL Databases.
- MCP : SQL 2016 Database Development.
- Talend Data Integration Basics v6.3 (DI-101-v63-EN).
- Talend Data Integration Advanced v6.3 (DI-201-v63- EN)
- Developing on AWS(3 Days course)

CAREER OBJECTIVE

With over 9.2 years of experience, my objective is to utilize my expertise in designing and optimizing complex data architectures to develop innovative solutions that drive business growth. I aim to mentor and lead a team of talented data professionals to deliver data solutions that meet business needs and exceed expectations.

WORK EXPERIENCE

Senior Data Engineer

Cimpress India, Mumbai
2020-Present

- Collaborate with Product Manager to understand requirement and translate it into technical solutions.
- Develop Matillion, Talend jobs to load master and delta data from SAP to Snowflake using S3 buckets as intermediate staging layer. Using a 3rd Party tool to extract SAP data.
- Perform data reconciliation activities to validate data consistency between SAP and Snowflake.
- Develop reports in Tableau, Looker and sharing insights with stakeholders and educating business user on tool UI.
- Migration of Matillion pipelines to Python code.
- Address ad-hoc analytics requests and facilitate data acquisitions to support internal projects and investigations

Process Manager

eClerx Services, Mumbai
2019-2020

- Developed around 90+ new ETL jobs, 8 reports.
- Reviewed existing ETL jobs, identifying areas that required improvement and implemented version control in GIT.
- Led team of 6 on Talend development, Power BI reporting and data modelling in SSAS.
- Coached 20+ newly hired freshers and interns on Talend, Pentaho, Alteryx and prepared them for client interview.
- Automating weekly report delivery to stakeholders.
- Tracking and managing change requests through JIRA and estimation of story points for tasks.

Senior Data Analyst

Accenture, Mumbai
2017-2019

- Communicated directly with project stakeholders, providing timely updates on project advancement using Jira and adopted Agile methodology. Developed 150+ jobs, 5+ models.
- Engaged in POC's to evaluate ideas and solutions.
- ETL development on Talend Big Data using Hive as source and Azure Data Warehouse as destination. Monitored jobs and performance in TAC and debugging pipelines.
- Developed Tabular model in SSAS using DAX and scheduled model refresh through Azure Automation Services.
- Designed best practices documentation and standard operating procedure for Talend and SSAS deployment.

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EDUCATION

Birla Institute of Technology and Science, Pilani

M.Tech, Data Science & Engineering
2022

West Bengal University of Technology, Kolkata

B.Tech, Computer Science & Engineering
2013

VOLUNTEER WORK AND INTERESTS

- Conducted 5 days of training in SQL programming for the greenfield batch of 60 trainees in Accenture. Rated of 4.7/5 by trainees.
- Participated in Teach India initiative by TOI and attended a 50-hour training course aimed towards learner-centered teaching techniques designed by British Council.
- Trained class of 18 learners for 3 months, using the English for Employability course under the Teach India Initiative by TOI
- Trained another class of 12 learners in a refresher classes for TOI for duration of 4 Weeks
- Participated in 20+ Toastmasters meet in Mysore and Chandigarh Infosys Campus

LANGUAGES

- ENGLISH
- BENGALI
- HINDI

Software Developer

TCG Digital, Kolkata
2016-2017

- ETL using SSIS and report development on Tableau.
- Collaborated on all stages of SDLC, from requirement gathering to production releases and support.
- Developed 60+ ETL jobs. 4 Dashboards.
- Trained and managed team of 3 developers and discussed issues to provide resolution and apply best practices.
- Led version control efforts for business, employing GitHub.
- Worked on an internal projects at same time.
- Visited client location twice for meetings.

Senior Systems Engineer

Infosys Limited, Mysore/Chandigarh/Bengaluru
2014-2016

- Worked with 3 different clients majorly during the tenure
- Created 80+ ETL jobs across 3 projects.
- Developed Pentaho Data Integration jobs, transformations, QA/Prod deployments with version control.
- Automated jobs to increase productivity and real-time data availability for the reporting team.
- Performed root cause analysis to provide resolutions for production issues and recurring issues.
- Database migration from SQL Server to Exasol.
- Modified the job as well to support migration.
- Completed Infosys Training at Mysore Campus in Business Intelligence domain.

Support Engineer

Unisys, Hyderabad
2013-2014

- Completed 2 months of induction training and process training
- Performed root cause analysis and troubleshooting.
- Broke down and evaluated user problems, using test scripts in SQL to find errors and resolve the issues.
- Monitored systems in operation and input commands to troubleshoot areas such as Networks and SQL Server.
- Manage user access to the database, tables and views.

Client Projects

- P&G
- Adidas
- Apple
- Swiss Re
- Verisk Analytics
- Santander Bank
- Johnson Controls
- Sky Broadcasting
- Dell