

NIKITA GAURIHAR

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SUMMARY

Passionate Data Engineer and technology professional with 4.5+ years of experience in development and implementation of data pipeline systems, focused on streamlining integration processes, and maximizing data quality. Experienced in stakeholder management, prioritization of strategic data-driven initiatives by analyzing and creating business intelligence reports to drive operational improvements

PROFESSIONAL EXPERIENCE

Data Engineer | Actian, USA

June 2023 – Present

Tech stack: SQL, Python, ETL, SCD, PowerBI, Data Warehousing

- Led migration of raw data from flat files to Actian Data Platform hybrid cloud, saving 19 hours of manual work every week
- Orchestrated 27+ Data Pipelines to migrate semi-structured data with 60 million rows from 9+ sources to Cloud using DataConnect
- Developed Python automation scripts for data extraction and process it in a structured form, reducing the data processing time by 32%
- Employed Dimensional Data Modelling to optimize data storage and enhance ETL efficiency by with Agile development teams
- Presented a data visualization report with 19 financial KPI reports, resulting in a 60% increase in data accessibility among stakeholders
- Implemented and managed Slowly Changing Dimensions Type 2 and Type 4 approaches, ensuring effective handling of historical changes

Data Engineering Intern | Actian, USA

June 2022 – Sept 2022

Tech Stack: SQL, Data Vault, Data Governance, Data Architecture

- Gathered requirements based on the business cases and functional specifications for 11 variables to design a Data Vault schema
- Built a prototype model – ‘Governance Risk Compliance Admin App’ using Unix shell scripting, SQL and Actian OpenROAD
- Spearheaded a team of 3 developers to help implement the prototype, resulting in 3 ELT Workflow processes using Actian DataConnect

Business Analyst | Capgemini Ltd., India

Aug 2020 – Aug 2021

Tech Stack: SQL, Data Analysis, Project Management, Business Operations, Stakeholder management

- Sustained integration of real-time data in Service Management Dashboards with 20-25 KPIs and monthly SLA Deck using the VVM tool, resulted in 16.26% reduction in processing time
- Conducted data quality health checks for 6 client portfolios in production using the data monitoring process to ensure 100% data quality
- Liaised with cross-functional teams to help subscribe clients for additional services which led to a 12.40% increase in revenue

People Analytics Intern | Proctor & Gamble

Oct 2019 – Mar 2020

Tech Stack: Python, Machine Learning, IBM SPSS, Statistics, Data Analysis, MS Excel, etc.

- Performed data preprocessing on data with 5+ Million rows to convert into structured form using Python, IBM SPSS, and MS Excel
- Predicted driving factors of employee attrition using Logistic Regression Modelling with classification accuracy of 77.4%
- Derived a profile of people who may attrite based on tenure and promotion with the decision tree approach with model accuracy of 93%

Software Engineer | Tech Mahindra Ltd., India

Aug 2016 – July 2018

Tech Stack: Salesforce Declarative Platform, CRM, Data Loader, Sandbox, SOQL, etc.

- Resolved 10000+ user cases as a Salesforce administrator to ensure successful operations of User License Management, including new user setup/deactivation, setting up roles and role-hierarchy, profiles, administrative permissions, etc.
- Configured salesforce functionalities like Validation Rules, Flows, Process Builder to enhance performance of business process
- Applied Record-Level, Field-Level security and configured their sharing settings, developed SOQL queries for data manipulation needs
- Created workflow rules, triggers, email alerts, etc. to assist with maintaining the Service Level Agreement for 500+ tickets
- Implemented pick lists, field dependencies, lookups, master-detail relationships, validation rules, formula fields on the custom objects
- Conducted mass data migrations ensuring seamless transition to salesforce using SFDC Data Loader which saved hours of processing time
- Deployed customized cloud solutions in SFDC declarative environment to support business functions, reduced turnaround time by 83%

TECHNICAL SKILLS

Programming: Python, SQL, Java, HTML, Unix Shell Scripting

IDE/Tools: DBeaver, Jupyter Notebook, Visual Studio, GitHub, ER Studio, Lucid Chart, IBM SPSS, Advanced Excel, JIRA, Confluence

Databases: MySQL, MS SQL Server, PostgreSQL, Oracle, Google BigQuery

Cloud: Microsoft Azure, GCP, Actian Data Platform, Salesforce

ETL/ELT: Alteryx, Talend, Actian DataConnect, Salesforce Data Loader, SSIS

Data Reporting: MS PowerBI, [Tableau](https://www.tableau.com), Python, MS Excel, Google Data Studio, Looker

Analytics: Data Cleansing, Data Mining, Data Wrangling, Quantitative Analysis, EDA, Hypothesis Testing, Statistical Modelling

Data Science: Pandas, TensorFlow, Keras, Statsmodels, Plotly, NLTK, Data Annotation -labelling, Web Scraping- BeautifulSoup, sncrape

EDUCATION

Northeastern University | Boston, MA

Master of Science, Information Systems

May 2023

GPA 3.7/4.0

Prin. L. N. Welingkar Institute of Management Development and Research | Mumbai, India

Post Graduate Diploma in Management – Research and Business Analytics | Minor - Finance

May 2020

Nagpur University | Nagpur, India

Bachelor of Engineering, Electronics and Communication

May 2016