

SUMMARY

Data Engineer with over six years of experience in analyzing complex datasets, building ETL pipelines, and creating actionable insights to drive business decisions. Proficient in SQL, Python, and data visualization tools with a strong background in statistical analysis and big data technologies. Proven track record of improving operational efficiency and delivering impactful results through data-driven solutions.

EDUCATION

Northeastern University Master of Science in Information Systems	Sep 2019 - Aug 2021 GPA: 3.91/4.0
Jawaharlal Nehru Technological University, India Bachelor of Technology in Computer Science and Engineering	Sep 2013 - April 2017 GPA: 9.08/10.00

TECHNICAL SKILLS

- **Data Analysis & Visualizations** :Data Cleaning, Transformation, Statistical Analysis - Regression, Hypothesis Testing, Tableau, PowerBI, Matplotlib, Seaborn
- **Programming Languages** :Python(Pandas, NumPy, Scikit-learn), R, SQL(TSQL, PL/SQL),UNIX Shell Scripting
- **Database Management** :Microsoft SQL Server, Oracle MySQL, PostgreSQL, NoSQL- MongoDB, HBase, Hadoop(HiveQL, Pig), Apache Spark
- **AWS Services** :Redshift, S3, Glue, AppFlow, CloudWatch, IAM, Secrets Manager, RDS
- **Certifications** :Salesforce Platform App Builder, Administrator, Platform Developer 1
- **Other Tools** :Git, Jira, Excel(Pivot Tables, Macros), Salesforce, SharePoint, Qualtrics

PROFESSIONAL EXPERIENCE

- Data Engineer at Oracle** **Mar 2026 - Present**
- Architect data models and develop ETL logic using Locode to capture and integrate business application data into the Autonomous Data Warehouse (ADW)
 - Validate large-scale datasets within ADW and design interactive visualizations and reports using Oracle Analytics Cloud (OAC) to drive stakeholder insights
- Data Engineer at Amazon** **Oct 2021 - Mar 2026**
- Design and implement scalable ETL pipelines using SQL and AWS Services to process large datasets for business intelligence, improving data accessibility by 60%
 - Optimize Amazon Redshift query performance by 80% through advanced tuning techniques and Python automation scripts, significantly reducing data retrieval time while leveraging GitHub for version control
 - Conduct in-depth exploratory data analysis (EDA) using Python libraries(Pandas, NumPy), uncovering trends that led to a 15% increase in operational efficiency
 - Develop interactive dashboards to visualize key performance indicators(KPIs), resulting in a 30% improvement in stakeholder decision-making
- Data Engineer Intern at Zeevo Group** **Feb 2021 - July 2021**
- Analyzed flight data using SQL queries, joins, and triggers across multiple databases for auditing
 - Created Power BI dashboards to track key metrics for flight operations and presented findings to leadership
 - Developed automated workflows using Microsoft Power Automate, reducing manual data entry time by 70%
- Graduate Teaching Assistant at Northeastern University** **Sep 2020 - Dec 2020**
- Assisted 50+ students with database design concepts and SQL query optimization techniques
 - Designed comprehensive tutorials on relational database management systems and data warehousing concepts, improving student performance by 20%
- Data Engineer at Cognizant Technology Solutions** **May 2018 - Aug 2019**
- Integrated Salesforce with Qualtrics to automate survey creation and feedback analysis processes, reducing survey analysis time by 85%
 - Performed advanced SQL queries for response mapping and data retrieval from Salesforce databases
 - Designed dashboards in Tableau to visualize customer feedback trends and operational metrics

ACADEMIC PROJECTS

- **Big Data (Dec 2020)**: Built a book recommendation system using MongoDB, Hadoop, Pig, HiveQL, and HBase, leveraging MapReduce for optimized large-scale data filtering and sorting
- **Resort Management (May-Aug 2020)**: Led a team to build a secure, normalized SQL database in SSMS featuring data encryption, advanced triggers, and Power BI visualizations