YASH VICHARE

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EDUCATION

Northeastern University, Boston, MA   **July 2020**
Masters in informatics, minor in Data Analytics
Gujarat Technological University, India   **May 2018**
Bachelor of Engineering in Computer Engineering

TECHNICAL SKILLS AND CERTIFICATIONS

Programming/Tools: Python, R, Apache Spark, JavaScript/HTML/CSS, Java, Tableau/PowerBI, Bash, Excel

Databases: Relational Databases (MySQL, PostgreSQL), Database Query Optimization
Other Tools: AWS (EC2, Lambda, S3, Redshift), Docker, Git, Jira, CI/CD, Talend

EXPERIENCE

CloudWorks Inc., Dallas, TX   **April 2023 – Sep 2023**
Software Engineer *(Talend, AutoSys, AWS Redshift, AWS S3)*
- Utilized Talend for rapid data ingestion, accelerating processes by 40% and maintaining data accuracy.
- Mapped complex source-to-target data requirements, enhancing data transformation accuracy by 20% and facilitating seamless integration.

Synechron Inc, Charlotte, NC   **Nov 2021 – Feb 2023**
Associate Technology *(SQL, MS Excel, Business Analysis, PowerBI, Workflow Optimization)*
Client – London Stock Exchange Group
- Facilitated and led the execution of $30M financial products, creating pitch decks and operational synergy models.
- Ensured data integrity by utilizing MS Excel and SQL, reviewing, and analyzing data loaded into the database system.
- Implemented ETL pipeline for Power BI reports, transforming raw data into actionable visualizations.
- Facilitated executive-level discussions, demonstrating strong stakeholder management.

Illumina Inc., San Diego, CA   **Feb 2021 – Oct 2021**
Sr. Business Data Analyst *(MySQL, Denodo, Tableau, Business Process Management)*
- Developed and optimized SQL views in Denodo, resulting in a 30% reduction in data retrieval time and facilitating quicker access to supply chain and quality data.
- Utilized Tableau to create interactive visualizations and dashboards, leading to a 20% increase in the identification of quality issues and supply chain inefficiencies.
- Adapted dashboards based on stakeholder feedback, resulting in a 20% improvement in user engagement and satisfaction with the visualizations.

Analytics Consult LLC, Boston, MA   **Aug 2020 – Feb 2021**
Data Science Intern - Full Time *(Python, Regression, XGBoost, Random Forest)*
- Developed store sales prediction model with 90% accuracy, leveraging machine learning algorithms.
- Successfully implemented regression techniques such as XGBoost and Random Forest to forecast future sales trends.
- Empowered the business with actionable insights, enabling proactive inventory management and precise revenue projection.

OneUnited Bank, Boston, MA   **Jan 2020 – Apr 2020**
Information Technology Intern *(Salesforce, PowerBI, Customer Feedback Analysis)*
- Analyzed diverse customer data sources, improving data quality by 15% and enhancing insights into customer behaviors and preferences.
- Leveraged Salesforce CRM platform, PowerBI and Excel to segment customers, leading to a 15% increase in targeted communication effectiveness.
- Analyzed customer feedback to identify key pain points, resulting in a 12% decrease in recurring issues.

ACADEMIC RESEARCH

Healthcare Data Warehousing and Analytics

- Led the development of a comprehensive healthcare data warehousing and analytics solution using SQL Server and Tableau, aimed at optimizing patient care and operational efficiency.
- Designed a multi-dimensional data model to consolidate patient records, diagnoses, treatments, and billing information. Implemented complex SQL queries and calculated measures to provide insights into patient outcomes and resource utilization, leading to a 25% improvement in decision-making processes.

Predictive Customer Churn Analysis for Telecom Industry

- Led a team in building a predictive churn model with Python and ML, achieving 85% accuracy and a 20% reduction in churn.
- Crafted a Tableau dashboard to visualize churn trends, enhancing retention strategies based on data insights.