Vishal Eswaran

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EDUCATION EXPERIENCE

The University of Texas at Dallas, Dallas, TX   May 2023
Master of Science, Information Technology and Management   **GPA 3.68**

Anna University, Chennai, India   April 2016
Bachelor of Engineering, Electronics and Communication Engineering   **GPA 3.29**

CERTIFICATIONS AND TECHNICAL SKILL EXPERIENCE

Certifications:	Microsoft Certified Data Analyst, Microsoft Certified Azure Developer, Tableau Desktop Specialist, Microsoft Certified Azure Fundamentals, Data Architect Associate Professional
Analysis Tools:	Power BI, Tableau, Birst, MATLAB, Splunk, App Dynamics, Excel
Python/R Libraries:	Pandas, NumPy, Matplotlib, Seaborn, Plotly, Dask, ggplot2
Programming:	Python, R, SQL, Java, Scala, JavaScript, C++, C, HTML, Shell Scripting
Big Data:	Hadoop, Hive, Spark, Sqoop, Impala, PySpark, Kafka, Flume, Pig, HBase, Oozie, Crontab, Airflow
Machine Learning:	Regression, Classification, Clustering, Anomaly Detection, A/B Testing, Advanced Statistics
Cloud:	Microsoft Azure, AWS (RDS, Redshift, S3, EC2, EMR), Salesforce CRM
Databases:	SQL Server, MySQL, Exasol, PostgreSQL, MongoDB
Operating Systems:	Windows, MacOS, Linux
Project Management:	Agile, Scrum, JIRA, Kanban, Confluence, Microsoft 365

ORGANIZATIONS AND LEADERSHIP EXPERIENCE

Salesforce Student Chapter, The University of Texas at Dallas, *General Secretary*   Oct 2021 – Present

PROFESSIONAL EXPERIENCE

The University of Texas at Dallas, Dallas, TX   Dec 2021 – Present
Database Administrator and Big Data Analyst Student Assistant, Office of Information Technology
- Monitored, managed, and troubleshot issues in databases like MySQL, SQL Server, Oracle, and PostgreSQL, ensuring smooth operation with 100% efficiency.

Accenture Solutions Private Limited, Chennai, India   Aug 2016 – Sept 2021
Data Engineering Senior Analyst, CVS Health and Aetna, Analyze Rethink Transform (ART)
- Managed Business requirements, documentation, and production support by writing functional and technical specifications to increase stakeholder satisfaction by 20%.
- Created interactive data visualizations using Tableau that helped functional teams and stakeholders to understand the data and uncover critical medical cost-saving opportunities, decreasing the overall costs by 12%.
- Maintained 100% customer satisfaction by engaging with diverse end-users and enabling a positive environment through communication skills.

Big Data Engineer, Blue Cross and Blue Shield of North Carolina, Operations 360 (OPS 360)
- Engineered scalable, secure, and fully managed ETL pipeline that ingesting 2TB of transactional logs from relational databases to HDFS data lake with Big-data analysis, saving over $75,000 annually.
- Performed complex performance tuning using Java, Scala, and Hive Query Language to reduce load time by 40%.
- Collaborated with clients to understand business requirements and translate those into actionable insights using Tableau, saving $2000 each week.

ADDITIONAL INFORMATION

Languages: English, Tamil, Hindi, Telugu
Eligibility: VISA, Eligible to work in the US for internships and full time for up to 36 months.