ATISH CHANDRA

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PROFESSIONAL SUMMARY

A dedicated and enthusiastic Master's student with a strong work ethic having interest in Data Science, Data Engineering and ML Engineering jobs. I bring a diverse range of skills, experience and knowledge in all facets of ETL, Data Modeling, Data Pipelining, Data Warehousing, RDBMS, DBMS, Data Visualization and Machine Learning as I own 3.7 years of experience as a seasoned professional in Data Engineering.

EDUCATION

University of Central Florida   May 2025
Masters of Science, Computer Science   Orlando, Florida
Expertise - Machine Learning, Current Topics in Machine Learning learning, Adversarial Machine Learning, Statistical Analysis, Data Visualization, Data Mining, Databases
Birla Institute of Technology, Mesra   August 2019
Bachelor's of Engineering, Computer Science and Engineering   Ranchi, India
Expertise - Advanced Big Data Analytics, Artificial Intelligence, Data Warehouse, Business Intelligence, Software Engineering

EXPERIENCE

Data Engineer   December 2019 – June 2023
Accenture   India

- Developed multiple T-SQL Stored Procedures to maximize data manipulation and processing efficiency for a Fortune 500 retail company.
- Refined raw and corrupt datasets of up to 8 digits and published on reports like, Power BI and SSRS which eventually used by BOD for strategic analysis and shaping new visions.
- Designed and optimized data warehouse solutions using Snowflake, ensuring efficient data storage, processing, and retrieval for business intelligence and analytics.
- Built custom scripts for automating ETL pipeline, achieving a 60% reduction in overall job processing times.
- Enhanced data reliability up to 40% by aggregating over 10 million data per month from 8 diverse sources, through strategic transformations of 160+ Stored Procedures
- Managed SQL Server and Oracle databases totaling over 100TB+.
- Identified and solved 100+ coding errors in existing applications, improving system efficiency by 20%.
- Substantially used Microsoft Azure for shifting data and related architecture from local storage to cloud system.
- Translated business objectives from client specifications into equivalent functional parameters covering a range of sectors including finance, usages, and retail.
- Mentored an external team for the preservation of critical databases by architecting comprehensive backup plans, effectively safeguarding against data loss and ensuring 100% data availability.
- Gained multicultural experience by working with clients and management teams from diverse countries, including Japan, the UK, India, Romania, Germany, Guatemala, Mexico, and Spain.

PowerBI Developer

- Developed 10+ analytics dashboards, enhancing client data visualization and helped in magnifying decision-making because of 25% more efficient report generation.

Front-End Developer, Pie Infocomm, *India*   September 2019 – November 2023

- Developed a multi-page registration website using JavaScript to enhance user interaction and data collection.

PROJECTS

Descriptive Audio Model of Images for Blind, Machine Learning   March 2023 – May 2023

- Created an image-captioning model that converts visual content into descriptive audio text, enhancing accessibility for visually impaired individuals by providing an auditory representation of images.
- Improvised Optical Character Recognition(OCR) and trained a faster Attention model to analyze features of image described by Encoder and Decoder while generating captions.

Sales Insight Dashboard, Power BI   June 2024 – August 2024

- Developed an integrated Power BI Dashboard, consolidating various analytical metrics such as sales percentages, average retail price, and regional performance, through advanced DAX queries for improved data analysis and insights.

SKILLS

- **Programming**: Python, MySQL, TSQL, DAX Queries, Java, C#
- **Certifications**: Cloud Computing, Java, Critical Thinking, AZ-900(Microsoft Azure Fundamentals), Hadoop
- **Software**: PyTorch, Jupyter, MSBI(SSIS, SSRS, SSAS), SSMS, Power BI, Tableau, VS Code, Unity
- **ML Architectures**: CNN, RNN, Decision Trees, Random Forests, Transformers, Neural, Architecture Search, Attention Mechanisms
- **Recognitions**: Student Leader at NSS(National Service Scheme), Organizer of Photography Exhibition, President of the Literature Club