LAKSHMI SHREE

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Professional Summary

Dynamic and analytical problem solver with a robust foundation in data systems and processes, complemented by a strong understanding of data modelling and database design. Committed to leveraging technical skills to optimize data workflows and contribute to innovative solutions. Motivated to tackle complex challenges and further develop capabilities in a fast-paced environment.

EDUCATION

Master of Science - University of Exeter | Data Science | 2024 – 2025
Bachelor of Engineering - Rajeev Institute of Technology | Computer Science and Engineering | 2019 – 2023

PROFESSIONAL EXPERIENCE

Associate Technical Support Engineer | Informatica | September 2023 - August 2024 | Bangalore, India

- Designed, developed, and implemented complex ETL (Extract, Transform, Load) processes.
- Gained expertise in data retention concepts and methodologies.
- Diagnosed and resolved performance bottlenecks in data archiving processes by optimizing SQL queries and indexing strategies, resulting in a decrease in data retrieval times for 2+ daily support tickets.
- Assisted in developing user manuals and training materials for effective use of the archiving system.

Intern | Qspiders | August 2022 – September | Bangalore, India

- Acquired practical experience in C, Data Structures, Java, and SQL through structured training and real-world problem-solving exercises.
- Worked on SQL queries, joins, sub-queries, and normalization, developing a strong foundation in database management.
- Applied exception handling, collection frameworks, and error-handling techniques to build robust and efficient applications.

SKILLS

- Python (Pandas, NumPy)
- SQL (Query optimization, indexing)
- Data Visualisation (Matplotlib, Seaborn, Tableau)
- Configuration of network systems
- Java programming
- ETL workflow Optimization
- Salesforce development
- Technical Troubleshooting

EXTRACURRICULAR ACTIVITIES

Academic Representative - Coordinated academic events, workshops, and feedback sessions to enhance student engagement and satisfaction.
Public Awareness Volunteer - Spread knowledge and raised awareness on topics ranging from health and safety to social issues and environmental conservation.

ACCOMPLISHMENTS

- Secured Silver Category in Pragmatic Approach to Cyber Security by CDAC Hyderabad.
- Certified Python Proficiency from Exeter Google Developer Student Club, showcasing strong programming logic and expertise in Python development.
- Certified in Networking Basics through Cisco Networking Academy, with strong knowledge in network design, protocols, and troubleshooting.