**SHASHANK MYSORE**

(He/Him/His)

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**TECHNICAL SKILLS**

Microsoft Power BI · Microsoft Excel · Query Writing · Database Design · Computer Science · Communication · Data Management · Databases · Data Visualization · Data Analytics · T-SQL Stored Procedures · Database Triggers · Extract, Transform, Load (ETL) · SQL · Data Analysis · SQL Server Integration Services (SSIS)

**PROFESSIONAL EXPERIENCE**

**Bectron Technology** Bengaluru, India

Software DeveloperJul 2022-Jul 2023

* Assessed and adjusted the performance of SQL queries, and deployed Indexing strategies to enhance database functionality and decrease query execution duration.
* Extracted and manipulated data from active sources using SQL for reporting and analysis. Co-ordinated to the development of automated ETL processes for improved data handling.
* Monitored database system & responded to over 100 alerts on a timely basis to mitigate potential security vulnerabilities, resulting in mitigating 95% of threats successfully.
* Generated SQL server reports tailored to meet the specific requirements of end users and developed data transformation tasks for efficient importing and exporting of client data.

**Decibels Lab Pvt Ltd** Bengaluru, India

InternOct 2021-Dec 2021

* Curated a model that predicts the salary of the employee based on the year of experience of the employee using linear regression and Random Forest which was able to achieve 0.7724 accuracy.
* Accountable for authorizing databases, memory management to the systems, and assisting with database backup, recovery, and upgrade.

**EDUCATION**

**Pace University, Seidenberg School of Computer Science, and Information Systems** New York

Master of Science(MS)in information systems | **Concentration**: Information Systems | **GPA:** 4 May 2025

Coursework: Information Systems Principles, Database Management Systems, and Data Science.

**Vidyavardhaka College of Engineering** Mysore, India

Bachelor of Engineering(BE) | **Concentration**: Computer Science | **GPA:** 3.2 Jul 2022

Coursework: Software engineering, Data structures, Cloud Computing, Big data analytics, Internet of Things

**ACADEMIC PROJECTS**

**Detection of Fake Reviews in an e-commerce platform** May 2022

* Programmed a real-time E-commerce application by analyzing a data set that includes 10,000 data entries which enables detection of a fake review using machine learning algorithms such as Naïve Bayes and Lesk Based algorithm.
* Achieved 99% accuracy and precision rate which is 12% more than the conventional methods that are already present.

**Restaurant Reservation System**  Dec 2020

* Led a team of 3 and launched a Web Application that allows the user to reserve a table, make changes to the reservations, and also allow the user to cancel the reservations.
* The application allows the admin where he/she can access the made reservations and edit or cancel the reservations by sending an SMS to the user.

**Publication**

**Predicting the type of transport using Machine Learning** Mar 2023

* Published a paper that predicts the type of transport used by a commuter in the **International Journal of All Research Education and Scientific Methods.** The paper undertakes a comprehensive examination of employee data, including factors such as mode of transportation, age, salary, and work experience.

**ACTIVITIES**

* **Toastmasters International Club – Organizing and Operations Coordinator**

Coordinated in organizing the 75th milestone meeting by being the Grammarian.

* Actively facilitated empowering young girls through education at Arivu, an NGO dedicated to advancing girls' education, gaining valuable experience in project coordination, community outreach, and advocacy for educational equity.