

Shreedevi Bhimsingh Olekar

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EDUCATION

Master of Science in Business Analytics and Information Systems University of South Florida, Florida, US	Aug 2023 – May 2025 GPA - 3.83
Bachelor of Technology in Computer Science and Engineering KLE Technological University, Karnataka, India	Jun 2017 – May 2021 GPA – 3.66

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant, University of South Florida – Tampa, Florida, US • Conducting rigorous hands-on lab sessions in R programming , enhancing students' practical skills; directly contributed to a high-level research initiative , resulting in the publication of two peer-reviewed papers within a year . • Leveraged Microsoft Excel and Power BI to analyze student data, identifying key trends and insights on exam scheduling, cancellations, and attendance, leading to a 15% increase in project efficiency.	Aug 2024 – Present
Data Analyst, Pivotree US - India Offices, Bangalore, India • Developed and implemented interactive Power BI dashboards to analyze warehouse inbound and outbound data and monitor order statuses, driving real-time data visibility and enabling data-driven decision-making across teams. • Managed end-to-end ETL processes , integrating data from multiple systems using SQL and PostgreSQL ensuring smooth data flow for accurate reporting and analysis. • Collaborated cross-functionally with warehouse operations, IT, and business teams to design data visualization solutions, improving operational efficiency by 33% through optimized data insights. • Automated data validation frameworks using Python and SQL , reducing data processing time by 28% and enhancing data accuracy for key business reports. • Conducted advanced data analysis across 50+ datasets , utilizing statistical methods to identify critical trends and performance bottlenecks, resulting in a 16% improvement in data processing and response time. • Enhanced disaster recovery efforts, including troubleshooting restoration issues , while maintaining data validation frameworks using Python and SQL , reducing data processing time by 28%.	Aug 2021 – Jun 2023
IT Support Intern, Bridge Solutions - Bangalore, India • Managed Windows and software updates, enhancing system security measures by 20% to mitigate potential vulnerabilities. • Spearheaded the creation and implementation of rigorous testing protocols with Selenium IDE , WebDriver , and JUnit to enhance web application performance. • Studied coding standards and applied rigorously throughout the project, ensuring consistency and maintainability of the codebase. • Conducted in-depth system analysis and strategic enhancements to IBM Sterling Suite ; achieved around 21% increase in system reliability and scalability, ensuring seamless operations during peak sales seasons.	Mar 2021 - Aug 2021

ACADEMIC PROJECTS

H1B Petitions using Database Management System - NoSQL Implemented cutting-edge encryption techniques and robust access control mechanisms, boosting data security and compliance, while exploring NoSQL databases for optimized scalability and performance improvements.	Aug 2023-Nov 2023
Analyzed Cardiovascular Disease Data using AI/ML Built a cardiovascular disease prediction system using data mining, achieving a high accuracy of 86% and informing better healthcare	Aug 2023-Nov 2023
Wine Quality Predicted: Modeled and Assessed Wine Quality using ML Algorithms Engineered an advanced wine quality prediction system using machine learning, evaluated algorithms, and raised prediction accuracy by 18%, leading to more informed production decisions and elevated product standards.	Aug 2023 – Nov 2023
Predicted Brain Deep Sleep Slow Oscillation Using Machine Learning Led a data mining project employing the Light GBM machine learning model, achieving a notable 87.3% accuracy rate; the team's remarkable success propelled the team to 52nd rank on a global scale .	Jul 2020 – Dec 2020

TECHNOLOGIES

Programming Competency: Python, SQL, R programming, C, JavaScript, AngularJs, C#, .NET, Java.

Data Analysis and Modeling: Data mining, and predictive modeling (Machine Learning), tools like Pandas, Scikit-Learn, and Matplotlib.

Microsoft Office Proficiency: Microsoft Office suite, including Office365, Word, PowerPoint, and Excel.

Advanced Visualization Tools: PowerBI, Tableau.

CERTIFICATIONS

AWS Certified Cloud Practitioner CLF-C02