SHRIPAD LADDHA

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EDUCATION

Master of Science in Information Management, CAS in Data Science | Syracuse University, NY | GPA: 3.85   **Aug 2019 - May 2021**
Courses: Data science, Database Management, Data Analytics and Decision making, Data Warehousing, Management Principles
Bachelor of Engineering in Computer Engineering | University of Mumbai, India | GPA: 3.9   **Aug 2014 - May 2018**
Courses: Data Mining, Distributed Databases, Machine Learning, Cloud Computing, Project Management, Software Engineering

PROFESSIONAL EXPERIENCE

Business Data Analyst - iConsult   **Sep 2019 - Present**
- Gathered requirements and identify metrics from 4 library departments and performed data preprocessing using Rstudio
- Crafted actionable dashboards in PowerBI to keep track of KPI's such as order accuracy, turnaround time, end to end delivery days
- Architected in developing, impacting several strategic and data models to aid team in data collection for producing data driven insights

Research Assistant - HCI - Syracuse University   **Aug 2019 - Present**
- Conducted interviews and JAD sessions to uncover difficulties and re-design the user interface for Syracuse fire department
- Analyzed existing system using design principles to enhance response time, usability and consistency for better user engagement
- Piloted a team of 4 to restructure the lab sessions of figma resulting in increased hands-on experience of designing and prototyping
- Built custom reports to locate errors and rectify them to maintain track record of the changes made during the research for future

Application Development Associate - Accenture   **Oct 2018 - Jun 2019**
- Created detailed documentation and specifications, including business process documentation, SRS and client data scorecards
- Profiled, cleaned and analyzed client data to aid in creating business strategies using Pivot Tables, VLOOKUP and Charts in Excel
- Developed user stories, solved bugs and formulated unit test cases as a part of an agile team which improved code quality by 34%
- Performed root cause analysis to reduce and eliminate critical incident tickets raised during final project delivery maintain efficiency

ACADEMIC EXPERIENCE

Data Warehouse/ Business Intelligence | Fudge Corp.   **Jan 2020 - May 2020**
- Designed a relational database leveraging ERD with MySQL and categorized data as per requirement keeping data normalized
- Entered substantial data into the database with accuracy & designed KPI's across many systems to ensure data integrity & availability
- Performed ETL using SSIS packages creating data warehouse for specific business processes and connect with Power BI for analysis
- Documenting a structured and detailed final report along with proposing its future scope, packages, business rules questions

Data Science | Airline Customer Data Analysis   **Aug 2019 - Dec 2019**
- Applied data modeling competency to determine the impact of factors on profitability and customer churn of Southeast airlines
- Analyzed client business requirements and processes using workflow analysis to identify behavior and trend in customer satisfaction
- Conducted predictive & quantitative analysis using random forest algorithm and SVM to predict customer churn with an 83% accuracy
- Provided insights and recommendations to the client through impactful visualizations and reports in Tableau and Advanced Excel

Database Developer | CENT Database Management System   **Aug 2019 - Dec 2019**
- Developed a real-time system for managing equipment in CENT lab, which involved inventory management and product tracking
- Scripted complex SQL queries to extract duplicate data and merge data from disparate systems for data profiling and analysis
- Devised a user-friendly frontend using Power Apps, synced with SQL Server at backend using triggers, stored procedures, and joins
- Created forms in MS Access that allow users to interact with the system to generate output reports for their monthly summary

Project Management | RPA Systems   **Aug 2019 - Dec 2019**
- Defined deliverables like Project Charter, Project Plans and Project Pipelines riveting KPI's using AGILE & ad-hoc methodologies
- Prepared, delivered crisp presentation on Executive Project Overview eliciting beneficial insights to different key stakeholders/teams
- Designed Work-break down structure with over 200 tasks and schedules sequencing vital events on Gantt chart using MS project
- Efficiently allocated resources for each tasks and subtasks to estimate cost and timeline carefully considering constraints provided

SKILLS

Database: SQL, Power Apps, MS Access, PostgreSQL, SSIS
Programming Languages: R, Java, Python, C, HTML5, CSS
Tools: Tableau, PowerBI, MS Excel(Advanced),Visual Studio, Jupyter Notebook, Git, Sharepoint, JIRA, Docker, Postman, Jenkins
Functional Skills: SDLC Agile Method, SCRUM, Statistical analysis, Quality Management, Trello

LEADERSHIP

Coordinator - NANHI Kali, Syracuse University   **Aug 2019 - Present**
- Led a team of 6 volunteers to raise funds more than 1200$ for education of underprivileged girls in India through paid fun events

Student Supervisor - Shaw Dining Hall, Syracuse University   **Aug 2019 - Present**
- Managed a group of 8 - 10 students per shift by efficiently and ethically allocating tasks as per ad-hoc requirements of the day

College Representative - E-cell, IIT Bombay   **Aug 2017 - Jul 2018**
- Spearheaded a team of 10 to organize Envoyage workshop for inspiring young entrepreneurs and scaling their business ideas