Sparsha Shekar Siddhamshetty

Business Analyst

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SUMMARY

Business Analyst with 4+ years of experience in managing business processes and identifying opportunities for improvements. Demonstrated proficiency in implementing Agile and Waterfall methodologies, showcasing a consistent track record of delivering comprehensive documentation, including FRD, BRD, SRS, and User Stories to drive project development and ensure deliverable alignment. Experience with visualization tools like Power BI and Tableau along with databases like MySQL, SQL Server, Mongo DB, and Oracle. Managed large datasets and gained experience in Hadoop, Apache, and Google Analytics and wrote queries in SQL for an average drop of 12% in the data extraction time.

SKILLS

Methodologies: SDLC, Agile, Waterfall
Languages: SQL, Python, R
Documentation: FRD, BRD, SRS, RTM, User Stories, Process Flows
Packages: NumPy, Pandas, Matplotlib, Seaborn, Scipy, ggplot2
Project Management Tools: MS Project, MS SharePoint
Analysis Skills: Cost/Benefit Analysis, Impact Analysis, Risk Analysis, GAP Analysis, SWOT Analysis
Visualization Tools: Tableau, Power BI
Databases: MySQL, SQL Server, PostgreSQL, NoSQL, ERP
IDEs: Visual Studio Code, PyCharm, Juypter Notebook
Tracking/Other Tools: Jira, Confluence, Asana, MS Visio, HP Quality Center, JAD, UAT, Kibana, SOAP UI, Postman, GitHub
Cloud: AWS (EC2, S3, RDS, Lambdas, SNS, SQS, API Gateway), Azure (AKS, VMs, Data Lake)

EXPERIENCE

AIG, USA | January 2024 - Present   Business Analyst

- Collaborated closely with stakeholders to meticulously define user requirements for REST API, translating them into detailed user stories essential for Agile development methodologies, ensuring seamless alignment with project objectives and end-user needs.
- Wrote SQL query for profiling and documenting metadata, also for extracting data from the complex dataset
- Leveraged Power BI to design dynamic and intuitive dashboards and visualizations, effectively transforming complex data sets into actionable insights that resonate with stakeholders, facilitating data-driven decision-making and enhancing project outcomes.
- Developed data pipelines and succeeded data flows through SAS Visual Analytics, leading to 20% increase in report generation speed.
- Established ETL packages to extract data from different sources, clean the data, and load data into SQL Server databases, enhancing data accuracy and reducing processing time by 25%.
- Executed MS SQL Server as the primary platform for data storage, transformation, and querying, reducing data processing time by 40% and improving overall system performance.
- Applied Python and R packages including NumPy, Pandas, Matplotlib, Seaborn, and ggplot2 to analyze and visualize data, resulting in a 40% increase in data-driven insights.
- Employed Tableau and Power BI to create insightful data visualizations, enabling stakeholders to make informed decisions and drive business strategy.

Prop Technology, Hyderabad, India | August 2019 - December 2022   Associate Business Analyst

- Collaborated with clients to understand the end-to-end business processes, utilized various techniques and digital transformation tools to gather, track, and analyze requirements, ensuring alignment with the client's objectives.
- Led the development of comprehensive Functional Requirements Documents (FRD), Technical Requirements Documentation (TRD), and Business Requirements Documents (BRD), ensuring alignment with stakeholder expectations and project objectives.
- Conceptualized and executed the design and implementation of a robust framework utilizing the APPIAN tool tailored explicitly for data extraction and transformation purposes.
- Applied advanced Microsoft Excel functionalities such as VLOOKUPs, SUMIFS, and Pivot Tables to perform data manipulation tasks according to client requirements.
- Leveraged SQL for data transformation, executing predefined transformation rules to meet client specifications and ensure data integrity and consistency. Applied data modeling techniques to structure datasets effectively.
- Established optimized data extraction and transformation processes, implementing indexing and query optimization techniques to enhance the efficiency of Extract, Transform, Load (ETL) workflows.
- Conducted thorough Risk Analysis and SWOT Analysis to identify potential project risks and opportunities, mitigate risks, and maximize project success.
- Collaborated with cross-functional teams, including Project Managers and Scrum Masters, to design comprehensive system architecture and integration solutions.
- Optimized SQL queries, stored procedures, and functions to enhance data processing and analysis, thus cutting query time by 35% while maintaining data quality and integrity.

EDUCATION

Master of Science in Information Systems, University of North Texas, Denton, TX   **May 2024**
Bachelor of Science in Computer Science, Kakatiya Institute of Technology and Science, Warangal, India   **September 2020**

CERTIFICATIONS

- **Associate Certification - InsuranceSuite 10.0 Analyst**