Vishwas Rajput

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WORK EXPERIENCE

Tungstung Automation   **USA**
Data Analyst   **May 2023 - Present**

• Involving requirements gathering, analysis, design, development, and testing production of applications using Agile model.

• Create SQL tables with referential integrity and developed advanced queries using stored procedures and functions using SQL server management studio.

• Introduced Agile methodologies and streamlined workflows, boosting team productivity by 28%.

• Collaborated with cross-functional teams to gather and document requirements, including Functional Requirement Documents (FRD), Business Requirement Documents (BRD), and System Requirement Specifications (SRS).

• Using multiple packages including ggplot2 in R Studio for data visualization and generated scatter plots and high-low graphs to identify relationships between different variables.

• Working with various Python IDEs including PyCharm and Visual Studio Code.

• Use Pandas, NumPy, SciPy, and Matplotlib in Python for developing various machine-learning algorithms.

• Deploy Apache Airflow's DAGs (Directed Acyclic Graphs) to create, schedule, and monitor ETL workflows to optimize data processing efficiency.

• Develop manager dashboard of call center metrics and KPIs to analyse team performance using Tableau.

• Utilizing various technologies including Excel PowerPivot to query test data and customize end-user requests.

• Working on developing Python script for whole data science project life cycle including data acquisition, data cleaning, data exploration, and data modeling using libraries such as Pandas.

Anthem   **USA**
Data Analyst   **Aug 2022 - May 2023**

• Deployed and integrated a new UI feature on a complex enterprise health data processing product, increasing user engagement by 20%.

• Implemented innovative UI designs and core algorithms in React Js, resulting in a 30% reduction in workload for two teams within the organization.

• Developed efficient serverless scripts on AWS Lambda using Python with an AWS Eventbridge trigger to process over 200 files daily from AWS S3 buckets, providing clients with valuable insights.

Magna infotech   **India**
Data Analyst   **Jul 2019 - Jun 2021**

• Implemented project using Waterfall Methodology to produce artifacts in different phases of the Software Development Life Cycle (SDLC).

• Worked on numerous ad-hoc data pulls for business analysis and monitoring by writing SQL scripts.

• Conducted in-depth interviews and workshops with stakeholders to elicit and document business requirements.

• Played a key role in process improvement initiatives, applying Six Sigma methodologies to reduce defects by 15% in a critical workflow.

• Coordinated user acceptance testing (UAT) and facilitated Joint Application Design (JAD) sessions, streamlining communication, and ensuring project alignment.

• Enhanced stakeholder communication and engagement, leading to a 15% reduction in project misunderstandings, scope changes, and ensured on-time project delivery, resulting in a 15% increase in client satisfaction.

• Utilized various analysis techniques, such as cost/benefit analysis, impact analysis, GAP analysis, risk analysis, and SWOT analysis, to evaluate project feasibility and identify opportunities for improvement.

• Executed data validation, data profiling, data defects cleanup, data improvement initiatives, and data quality monitoring reports.

• Involved in Data Analysis, Profiling, and Assessment to evaluate data for accuracy and quality using Python and libraries SciPy, NumPy, and Pandas.

• Developed spark applications in Python (PySpark) on distributed environment to load huge numbers of CSV files with different schema into ORC tables.

• Utilized Power BI to create various analytical dashboards to help business users get quick insights into data.

• Worked with Data Warehouse team in developing dimensional models and analyzing ER-Diagrams.

• Performed data analysis and data profiling using complex SQL queries on various source systems including SQL Server.

EDUCATION

San Diego State University   **San Diego, CA**
Mater of Science in Information Systems   **May 2023**

Indus University   **India**
Bachelor of Technology in Computer Science and Engineering   **Jun 2020**

SKILLS

Languages & Databases	Python, R, MySQL, PostgreSQL, TSQL, SQL Server, Azure Synapse, Google BigQuery, Snowflake, Oracle, MS Access, EPIC (Chronicles, Clarity, Caboodle)
Packages	Pandas, NumPy, MatplotLib, SeaBorn, TensorFlow, Scikit-Learn.
Data Engineering Tools	Alteryx, Azure Data Factory, Azure Databricks, Dataiku, Google Cloud Data Flow
Data Visualization Tools	PowerBI, Tableau, Adobe Analytics, Spotfire, Google Analytics, Qlik Sense, SAP Analytics, Looker
Big Data Technologies	Spark, Hive, Hadoop, Pig, MapReduce, Apache Kafka, Apache Airflow, Impala, Flume, Sqoop
Data Analytics Skills	Data Cleaning, Data Visualization, Data Analysis, Data Extraction.
ML Techniques	Clustering, KNN, Predictive Modeling, Deep Learning, Regression, Logistic Regression.
Project Management	SDLC, Agile, Waterfall, Scrum, MS Project, JIRA, Smartsheet, Kanbanize, Trello, Monday.com
Operating System	Windows, macOS, and Linux
Others	SSIS, SSAS, SSRS, DAX, M, ServiceNow, SharePoint & Project Management Board Analytics.