**Aarif Chittoor Mohammed**

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* Extensive experience in Healthcare functions, including benefits assessment, risk assessment, and quality analysis, contributing to successful project outcomes.
* Critical role in building Data Platforms and associated Data pipelines, with a focus on effective JAD sessions for requirement gathering with business users.
* Proficient in reviewing business requirements and proposing technical documentation such as current state, future state, gap analysis, source to target mapping, data flow diagrams, and test cases.
* Active participation in the Agile development process, delivering increments of the final product in alignment with project timelines.
* Strong skills in writing SQL queries for data analysis, profiling, and documentation.
* Good knowledge of Tableau and report building, enhancing data insights for effective communication.
* Developed Activity Diagrams, Sequence Diagrams, and Object-Oriented Designs (OOD) to effectively represent requirements to users, developers, and testers.
* Collaborated closely with business users and subject matter experts to understand and document functional and non-functional requirements for various healthcare use cases.
* Identified and documented data sources and transformation rules critical for populating and maintaining data warehouse content.
* Conducted meetings and presentations, effectively communicating insights and plans to stakeholders and cross-functional team members.
* Utilized SQL queries to profile and document metadata, facilitating data analysis and augmenting key inputs required.
* Played a pivotal role in planning, User Acceptance Testing, and Implementation of system enhancements and conversions.

**SKILLSET:**

**Machine Learning Algorithms Advanced Statistics & BI Predictive Modelling and KPI Dashboards**

**Data Engineering Data Mining and Visualization Snowflake**

**Cloud ETL and ML Azure Data Factory (ADF) Data Warehousing**

* **Programming Languages:** R, Python, SQL, LINUX, PySpark
* **Tools:** Selenium, SOAP UI, Microsoft Office, Teradata, CodeceptJs, Ab Initio, Jira, Version One, PPM, Confluent Kafka
* **Data Analytics Tools:** Tableau, SAS, Weka, Power BI
* **Cloud Computing:** Google Cloud, Microsoft Azure
* **Configuration Management Tools:** Tortoise SVN, GitHub, Jenkins

**PROFESSIONAL EXPERIENCE:**

**ASCO (American Society of Clinical Oncology):**

**(Information Analyst) Jul 2022 – Present**

* Spearheaded comprehensive data analysis initiatives, facilitating critical insights for clinical oncology projects.
* Collaborated with cross-functional teams in gathering requirements for data platforms and pipelines.
* Produced technical documentation, including current state, future state, gap analysis, and data flow diagrams.
* Participated in Agile development processes, ensuring seamless implementation of tasks.
* Played a key role in benefits quality assessment and risk assessment for healthcare data.

**Achievements:**

* Successfully implemented data platform enhancements, contributing to the overall improvement of data quality.
* Led JAD sessions with business users, resulting in more effective requirement gathering for the Data Platform.

**Piedmont Family Healthcare:**

**(Healthcare Analyst) Aug 2021 – May 2022**

* Collaborated with healthcare professionals to gather requirements for building data platforms and pipelines.
* Designed and developed Activity Diagrams, Sequence Diagrams, and OOD for effective communication.
* Conducted benchmarking activities to identify best practices in healthcare data analysis.

**Achievements:**

* Implemented data transformation rules to enhance the efficiency of data warehouse content maintenance.
* Played a key role in the planning, User Acceptance Testing, and Implementation of system enhancements.

**Bioclinica:**

**(Clinical Data Analyst) Sep 2020 – Jun 2021**

* Conducted extensive requirement analysis, developed use cases, and workflows for clinical data projects.
* Utilized SQL to write data analysis queries, profiling and documenting metadata for analysis.
* Worked closely with subject matter experts to understand and document functional and non-functional requirements.

**Achievements:**

* Developed and maintained key data models and reports, contributing to improved data accuracy and efficiency.

**Fortis Healthcare:**

**(Healthcare Data Analyst) Nov 2017 – Jul 2020**

* Spearheaded the assessment of benefits, risk, and overall quality within healthcare data.
* Collaborated closely with medical practitioners and administrative teams to distill complex healthcare data requirements.
* Utilized advanced data analysis techniques to identify patterns, trends, and anomalies in healthcare data, contributing to strategic decision-making.
* Applied expert knowledge in SQL and multiple databases (SQL Server, MySQL) to extract, transform, and load healthcare data for analytical purposes.
* Developed and maintained comprehensive reports and dashboards, offering actionable insights to improve patient care and operational efficiency.
* Actively engaged in cross-functional collaboration, providing valuable data-driven recommendations to enhance overall healthcare delivery.

**Achievements:**

* Led initiatives to enhance the accuracy of healthcare data, resulting in improved decision-making and patient outcomes.
* Implemented data governance practices, ensuring the integrity and security of healthcare data throughout its lifecycle.
* Received commendation for effectively communicating complex healthcare insights to non-technical stakeholders.

**SVIMS (Sri Venkateswara Institute of Medical Science):**

**(Clinical Data analyst) Sept 2014-Aug 2017**

* Played a pivotal role in planning and executing data-related aspects of clinical trials and research projects.
* Conducted detailed requirement analyses, working closely with medical researchers and clinicians to define data needs.
* Leveraged advanced SQL skills to construct intricate queries, profiling and documenting metadata to facilitate data analysis.
* Collaborated with cross-disciplinary teams to design and implement data collection processes, ensuring the accuracy and completeness of clinical data.
* Contributed to the development of protocols and procedures for data collection and analysis in compliance with regulatory standards.
* Actively participated in the development of data models to support clinical research initiatives, ensuring alignment with project objectives.

**Achievements:**

* Successfully managed data-related aspects of multiple clinical trials, ensuring adherence to strict timelines and regulatory requirements.
* Developed standardized data collection processes, improving the efficiency and consistency of clinical data across projects.
* Recognized for the ability to translate complex clinical data concepts into actionable insights for both technical and non-technical stakeholders.

**EDUCATION:**

* **M.S. in Health Informatics (Data Science & Analytics)**, George Mason University **(GPA - 3.96)**
* **Doctor Of Pharmacy (Clinical Data, Pharmacovigilance)**, Jawaharlal Nehru Technology University **(GPA – 3.8)**