DHEERAJ ADDANKI

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SUMMARY

- Detail-focused Data Analyst with knowledge in data warehousing, process validation and business needs analysis.
- Proven to understand customer requirements and translate into actionable project plans.
- Skilled in designing and implementing ETL processes, SQL scripts, data quality checks and validation.
- Crafting engaging visualizations using Tableau, Data Analysis and Reporting, Automation of Data tasks, Trend analysis and KPI development.
- Agile Scrum methodology, Coordinating project handovers, Stakeholder engagement, Training sessions for data interpretation, effective communication strategies.

SKILLS

- **Programming languages:** Python, R Programming, HTML5, CSS3, JavaScript
- **Software packages:** Microsoft Excel, Tableau, Power BI, Celonis, AutoCAD
- **Database systems:** MySQL, SQL Server, PostgreSQL
- **Cloud tool:** Microsoft Azure
- **Methodologies:** Agile Scrum methodology
- **ETL Tools:** Azure Synapse Analytics, Microsoft Fabric
- **Others:** Executive Summary, Comprehensive Report, Process Documentation

CERTIFICATIONS

- **Tableau Desktop Specialist Certification**
  Mastered skills in creating interactive and shareable dashboards, understanding Tableau architecture, effectively transforming data into meaningful insights as well as data-driven decision-making and storytelling.
- **SQL Advanced from Hacker Rank**
  Proficient in designing and optimizing complex database structures, writing advanced SQL queries, and ensuring data integrity. Skilled in database administration tasks such as indexing, transaction management, and performance tuning.
- **Lean Six Sigma**
  Gained expertise in streamlining processes and enhancing business performance, establishing myself as a key problem solver within the organization.

PROFESSIONAL EXPERIENCE

NYU Langone   **Jan 2024 – Current**
Role: Data Analyst
Responsibilities:

- Designed and implemented ETL processes to extract data from various sources, transform it into actional insights, and load it into the NYU Healthcare data warehouse, improving data processing efficiency.
- Developed and maintained ETL scripts using SQL and Python, enhancing data accuracy, and reducing errors.
- Conducted comprehensive data analysis on patient records and healthcare operations, providing insights that improved patient care quality.
- Collaborated with healthcare professionals to identify key performance indicators (KPIs) and created dashboards in Tableau, leading to a 30% increase in data-driven decision-making.
- Optimized data storage and retrieval processes, resulting in a 40% reduction in query response times for health care analytics.
- Implemented data quality checks and validation procedures, ensuring data integrity and accuracy, which reduced data discrepancies.
- Analyzed trends in patient data to identify areas for improvement in service delivery, contributing to a increase in patient satisfaction.
- Automated routine data extraction and reporting tasks, freeing up 25% of analysts time for more strategic activities.

- Conducting training sessions for healthcare staff on interpreting and utilizing data insights, enhancing data literacy across the organization.
- Spearheaded a project to integrate new data sources into the existing ETL pipeline, expanding the breadth of analytics capabilities.

CENTRAL MICHIGAN UNIVERSITY   **Jan 2023 – Dec 2023**
Role: Graduate Research Assistant
Responsibilities:
- Provided constructive feedback to students on Entity-Relationship Diagrams (ERDs) and SQL queries for MySQL databases, fostering their understanding of database concepts and enhancing database management expertise.
- Collaborated with faculty to design challenging yet achievable database-related projects, promoting critical thinking and problem-solving skills among students which improved project completion rate.
- Demonstrated proficiency in database management principles, including schema design, indexing, and query optimization through hands on assistance and guidance to students, enhancing their practical application skills by 40%.

COGNIZANT TECHNOLOGICAL SERVICES, Hyderabad, TS   **Apr 2020 – Jul 2022**
Role: Program Analyst
Responsibilities:
- Provided L2 support for a Java application, effectively resolving incident tickets and implementing changes across production, development, and testing environments utilizing Oracle SQL for database queries, achieving a 95% incident resolution rate.
- Developed strong problem-solving skills through the efficient resolution of incident tickets, contributing to the stability and reliability of the Java application and its associated environments, which resulted in reduction in system downtime.
- Played a pivotal role in the transition team with Novartis, serving as the primary liaison between the client and the project team, improving client satisfaction scores.
- Facilitated meetings based on project deadlines and coordinated discussions around the Service Transition report, ensuring smooth project handovers, leading to a 10% increase in on-time project completions.
- Employed effective communication strategies to close each project upon completion of deadlines, ensuring all stakeholders were informed and satisfied with project outcomes, enhancing project stakeholder satisfaction.
- Demonstrated adaptability and skill in transitioning to the role of Transition Manager, overseeing the transition team's operations and facilitating smooth handovers between the client (Novartis) and the project team, which improved team efficiency.
- Successfully managed the transition process from an employee to a manager role, showcasing leadership abilities and organizational skills in overseeing transition team operations and optimizing project handover processes, resulting in a 40% improvement in project handover efficiency.

COGNIZANT TECHNOLOGICAL SERVICES, Hyderabad, TS   **Dec 2019 – Mar 2020**
Role: Program Analyst Trainee Intern
Responsibilities
- Engineered a comprehensive application leveraging Java for backend development and HTML/CSS for frontend interface, resulting in an increase in application performance.
- Implemented Java Servlet Packages to optimize application performance and enhance user interaction, achieving an improvement in response time.
- Developed a life insurance management system featuring distinct user roles: client, administrator, and insurer, addressing various user stories and functionalities.
- Utilized MySQL for efficient data storage and management, completing the project within a structured timeline of 2 sprint cycles, enhancing data retrieval speeds.
- Analyzed user interaction data to identify and implement improvements, resulting in an increase in user engagement.
- Conducted data analysis on system usage patterns to optimize resource allocation, reducing server load.
- Employed data visualization tools to present key metrics and performance indicators to stakeholders, leading to an improvement in decision-making efficiency.

Education

CENTRAL MICHIGAN UNIVERSITY, Mt. Pleasant, MI   **Aug 2022 – May 2024**
Master of Science in Information Technology – Business Data Analytics - CGPA: 3.95/4 - Global Ambassador

VNR VJIET, Hyderabad, India   **Jun 2016 – Aug 2020**
Bachelor of Technology in Mechanical Engineering – CGPA: 8.45/10