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|  | **VISHAL YADAV**  Data Engineering| | | | | | |
|  | +91- 7309333794 |  | yvishal518@gmail.com linkedin/yvishal519 | | | |
| **Passionate professional with a strong background in Data Engineering, Project Execution; Focused on leveraging expertise in Data Engineering Leadership to drive successful outcomes and contribute to organizational growth in targeted functional areas and industries** | | | | | | |
|  | **Core Competencies**  **Education**   * Diploma in Big Data Analytics from Centre for Development Of Advanced Computing (C-DAC) in 2021 * Bachelor of Technology in Computer Science and Engineering from Dr. Ram Manohar Lohiya Avadh University in 2020   **Certifications**   * Azure Data Engineer Associate(DP-203)   **Technical Skills**   * Python * ADLS * PySpark * Azure DevOps * Terraform * Azure Data Factory * Databricks * SQL and NoSQL * Jenkins * PostgreSQL * Flask & FastAPI * Azure & AWS Cloud * Azure Synapse Analytics * ETL * Kubeflow   **Personal Details**  **Date of Birth:** 10th July 1999  **Languages:** English & Hindi  **Address:** Bengaluru, India | | |  | **Profile Summary**   * **A results-oriented professional** with **over 2 years** of hands-on experience in data engineering and web development using Python. Proficient in architecting and implementing robust **ETL pipelines utilizing Azure Data Factory**, contributing to seamless **data ingestion, warehousing**, and reporting, managing up to 10 terabytes of data daily * **Committed to treating data as a strategic asset** and fostering a culture that prioritizes data quality, resulting in the creation of reusable data products pivotal in enhancing organizational-wide data capabilities, particularly in the finance domain. * **Excellence in delivering innovative, data-driven solutions** to consulting clients, resulting in enhanced business success and informed decision-making. Noteworthy achievements include orchestrating critical Azure resources **(ADF, Databricks, ADLS, SHIR, Key Vault, Logic App)** for a manufacturing client's data engineering project, leading to a **25% cost reduction** through meticulous cost optimization strategies. * **Proficient in designing and implementing scalable data warehouses in Azure Synapse, integrating various Azure services** for improved performance and cost efficiency while utilizing Terraform to streamline resource deployment, saving up to **75% of time.** * Skilled in **Agile Project Management Methodologies** with skills in directing project teams and maintaining high-quality deliverables within time and budgetary parameters * **Proven capabilities in building relationship** with clients & partners for evolving strategic vision, driving change, building services roadmap, infusing new ideas, implementing emerging technologies for the long run and taking enterprise system performance & productivity to next level   **Work Experience**  **Since Oct’21| Knowledge Lens - A Rockwell Automation Company**  **As Data Engineer**  **Key Result Areas:**   * Spearheading the design, development, deployment, and management ensuring high availability, security, and scalability. * Collaborating seamlessly with cross-functional teams to gather project requirements, define clear objectives, and establish project timelines, streamlining development processes and reducing time-to-market. * Designing and developing critical software modules, showcasing expertise in system design and implementing cutting-edge development frameworks. * Designing and implementing an efficient orchestration system for an Azure-based data lake, managing a substantial data flow of over 10 terabytes per day; managing end-to-end monitoring of data ingestion, warehousing, and reporting processes. * Leading a crucial data engineering project for a manufacturing client, integrating diverse data sources like SAP and others using essential Azure resources (ADF, Databricks, ADLS, SHIR, Key Vault, Logic App, etc.). Strong emphasis on cost optimization resulted in substantial savings of up to 25%. * Collaborating in the development of multiple Python Flask and FastAPI services aligning with intricate business rules. These services supported the backend of a significant Angular-based web application for a prominent client on the east coast. * Leading and training a team of 50 interns in Azure-related API proof of concepts (POCs) and proofs of value (POVs) * Designing and implementing scalable data warehouses in Azure Synapse, prioritizing performance and cost efficiency. Integration with other Azure services such as Azure Data Lake Storage and Azure Databricks was a key focus. Utilized Terraform for deploying and managing Azure resources, resulting in significant time savings of up to 75%. * Communicating project status update to various project partners, including team members and executives; synthesizing a multitude of issues into a clear, concise, and focused message * Conducting comprehensive code reviews, providing constructive feedback to enforce best practices in code quality, maintainability, and consistency. Offered mentorship to junior developers, fostering a culture of continuous improvement. * Troubleshooting and resolving complex technical issues, ensuring system stability, and optimizing performance consistently. * Educating and coaching team on Agile methodology to achieve quality handover within time and cost guidelines |  |
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