RUKMANGADA

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https://rukmangada26.github.io

EXECUTIVE SUMMARY

- **Aspiring Data Engineer with more than 5 years of experience** in data engineering and application development, **developing ETL pipelines,** performing data analysis on large datasets and data visualization
- Proficient in deployment activities using Airflow and containers (Docker and Kubernetes) and adept at leading teams through multiple sprints, ensuring the timely delivery of critical user stories and bug resolutions
- Skilled in developing advanced SQL queries, stored procedures, and ETL processes, as well as optimizing queries and conducting performance tuning
- Dedicated and skilled IT professional with expertise in MS SQL Server, MS Integration Services, MS Reporting Services, Big Query (GCP), Power BI, and Python

SKILLS

Python, SQL, PySpark, Big Query, Airflow, Docker, Kubernetes, Jenkins, Power BI, Tableau, NumPy, Pandas, Scikit-Learn, SciPy, Matplotlib, Linear Regression, Logistic Regression, Data Analysis & Visualization, Cluster analysis, Multivariate Regression and Classification, Cross-Validation, Decision Trees, SVM, PCA, Ridge, Lasso, Predictive Analytics, Statistics, Machine Learning

EDUCATION

The University of Texas at Dallas   **Aug 2024 – Jan 2026**
Master of Science, Business Analytics.
Kalinga Institute of Industrial Technology (KIIT University)   **Jun 2014 - Mar 2018**
Bachelor of Engineering in Electronics and Electrical Engineering   **3.8 GPA**

CERTIFICATIONS

Indian Institute of Management Calcutta (IIM Calcutta)   Executive General Management Program
Coursera   Meta Database Engineer
Coursera   Kubernetes

EMPLOYMENT HISTORY

Accenture Solutions Pvt. Ltd., Mumbai (India)   **Nov 2023 – Jan 2024**
Application Development lead (Senior Data Engineer)

- Led a team of 5 developers to implement coding standards, reducing project delays by 33%; collaborated with architects to design scalable software solutions, and oversaw testing and code reviews, enhancing application reliability and achieving on-time project milestones.

Accenture Solutions Pvt. Ltd., Mumbai (India)
Application Development Senior Analyst (Data Engineer)   **Dec 2021 – Oct 2023**

- Resolved complex technical issues by collaborating with development teams and stakeholders, successfully migrating extensive data codes from Microsoft SQL Server to Big Query on Google Cloud Platform resulting in reduction of cost by around 35%
- Automated data pipelines by creating Airflow DAGs in Pyspark and Python, streamlining data flow and reducing manual processing time by over 22%
- Optimized data architecture by eliminating redundant datasets and consolidating code during Big Query migration, reducing storage by approximately ~13%
- Integrated backend code for data extraction and developed Power BI visualizations, improving data accessibility

- Provided guidance on debugging and troubleshooting in production environments, ensuring system stability
- Led the team through multiple sprints, focusing on critical user stories and optimizing code for timely deliverables
- Facilitated knowledge transfer through comprehensive documentation and training sessions, promoting team skill development
- Collaborated with business analysts, end-users, and stakeholders to gather requirements and develop effective technical solutions

Accenture Solutions Pvt. Ltd., Mumbai (India)
Application Development Analyst   **Jun 2020 – Nov 2021**
- Identified and mitigated potential risks in the development process, proactively addressing issues to maintain project timelines and deliverables
- Developed advanced SQL queries and stored procedures for data reporting, performing detailed database analysis to apply appropriate business data filters
- Built ETL pipelines to migrate data from diverse sources to destination databases using SSIS packages, enhancing data integration and cutting data processing time by over 20%
- Optimized and tuned SQL queries for improved performance

Accenture Solutions Pvt. Ltd., Mumbai (India)
Application Development Associate   **Apr 2018 – May2020**
- Developed complex SQL queries to update, maintain, and debug the Opportunity Tracker application, supporting solution management and approval processes
- Documented application development processes, including design documents, coding standards, and technical specifications
- Collaborated with teams to upgrade data lake servers, minimizing disruptions and ensuring a smooth transition by evaluating compatibility and dependencies

ORGANIZATION EXPERIENCE
National Service Scheme (NSS), KIIT University (India), Member   **Sep 2016 – May 2018**
- Executed a comprehensive survey across multiple villages near Bhubaneswar to collect data on educational levels and school attendance among children
- Analyzed survey data to identify areas with low educational enrollment and developed a targeted action plan for community outreach
- Coordinated with team members to visit identified villages, promote the importance of education, and provide educational resources and support to local students

AWARDS
- Deans Excellence Scholarship (The University of Texas at Dallas)   2024
- Growth Catalyst Award (Accenture Solutions Pvt. Ltd., for extraordinary efforts and consistent commitment) 2023
- TechStar Award (represent the top 1% of Accenture Technology talent at career levels 11–8)   2022

ADDITIONAL INFORMATION
Eligibility: Eligible to work in the US for internships and full time for up to 36 months.