DANY KOUDEDE

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Summary

Certified data analyst and an SQL developer with 3+ years of hands-on experience handling all aspects of the design, creation, and maintenance of developing SQL databases while writing applications to interface with them.

Skills

- Data analysis & visualization, Math, Data structure & Algorithms, Relational Database, EC2 AWS, ETL, SSRS, SSIS, ORM, Object Oriented Programming , Agile/Scrum Methodology, RDMS Development and SQL, Web Programming, Machine Learning & AI
- Programming Languages: Python, JavaScript, R , MSSQL, PL/SQL

- Operating system: Linux, Microsoft Windows, macOS
- Framework: Flask

Experience

Part-time Programming Instructor (Python, SQL,...)   06/2019 - Current
Varsity Tutors | Houston, TX
- Utilized Slack to inform students of course requirements, evaluation procedures and attendance requirements.
- Performed assessments focused on long and short-term student needs to develop individualized education program.
- Established objectives for lessons, modules and projects.
- Observed and evaluated student performance and development and provided appropriate feedback on work .

Mathematics Instructor   08/2017 - Current
Varsity Tutors | Houston, TX
- Collaborated with parents and teachers to determine student needs, develop tutoring plans and assess student progress.
- Assessed students for math anxiety disorders and provided appropriate recommendations for support.
- Designed individual tutoring plans for students of different levels.
- Utilized positive reinforcement techniques to encourage and motivate students.
- Coached students through challenging material with positive reinforcement and encouragement.
- Developed handouts, study materials and quizzes.
- Tutored freshmen in college-level math courses, coordinating tutoring hours with lab instructors and teachers.
- Established high level of proficiency advanced math concepts.

Junior SQL Developer   02/2020 - 10/2022
Chevron | Houston, USA
SSMS, T-SQL,PL/SQL, Python , JIRA, Visual C++, SPRING, SOAP, REST, Hibernate
- Developed, deployed and monitored SSIS Packages for new ETL Processes.
- Creating ,updating, and deploying quality T-SQL codes, stored procedures, views, functions,

triggers and jobs
- Updating and enforcing security procedures assuring 15% less breach risk
- Tested databases and performed bug fixes.
- resolve program architecture issues and reduce support requests by more than 30%
- Normalized 3 databases which helped reducing duplicate data, significantly improving marketing segmentation, and enhancing performance and metrics by more than 90%
- Maintenance and support of SQL server Mirroring, Log shipping, Clustering, and other methods of disaster recovery
- Coordinated testing and validation procedures through software development lifecycle.
- Working with business stakeholders, application developers, and production teams and across functional units to identify business needs and discuss solution options.
- · Designed and developed and maintaining SSRS reports in TFS and VS based on BRD documents and Stored procedures and deploying all reports to PPMO environment .
- Developing highly efficient algorithms in C++ through both pair-programming and independent work
- The algorithms improved inventory management benchmarks 18 percent
- Updating status on work through JIRA.

Python Developer Intern   03/2016 - 03/2017
Johnson & Johnson | New Brunswick, NJ

- Implemented Python scripts to automatically sync data between different storage server depending on current available space and remote location.
- Tested compatibility and functionality of a web application using Selenium in Python.
- Generated graphs for business decision-making using Python matplotlib, seaborn, or Plotly library.
- Used Python library Beautiful Soup for web scrapping to extract data for building graphs.
- Used python library SQLAlchemy for data manipulation and data modeling.
- Created reusable programming libraries to support multi-project integration and rapid iterative development.
- Integrated Google Cloud Platform and Amazon Web Service into programming tasks.
- Monitored performance of programs after implementation, developing metrics for analysis and determining areas of improvement.
- Contributed to API design, prioritizing ease-of-use and broad compatibility.

Education and Training

Bachelor of Science: Mathematics   08/2012
Marien Nguoabi University | Congo

Activities and Honors

- Sustainable Environment Awareness (SEA)

Certifications

- Data Analysis & Visualization, Rice University - 2020

Websites, Portfolios, Profiles

- https://koud-dany.github.io