



# DANY KOUDEDE

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## Summary

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Highly skilled and experienced SQL Developer with expertise in data analysis and visualization. Seeking a challenging position where I can leverage my two year of hands-on experience in building systems for large data analysis using azure databricks. Proven ability to develop data pipelines using Azure Synapse and utilize Power BI Rest APIs for web application development. Adept at scripting in Python to deliver efficient and effective data solutions.

## Skills

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- Amazon Web Services
- Software Documentation Control
- MongoDB
- RPA (Robotic Process Automation)
- Tableau
- Power BI
- Azure Data Lake and Blob Stores Management
- Power BI Rest APIs
- Salesforce CRM
- SQL, JavaScript, Python, HTML, CSS, JavaScript
- PySpark, Scala, ADL/ADB (Azure Data Lake/Azure Data Bricks)
- Data analysis & visualization,
- Automation
- Web scraping
- Advance Math
- Probability & Statistics
- Data structure & Algorithms,
- Relational Database
- EC2 AWS
- ETL
- SSRS, SSIS, ORM
- Object Oriented Programming
- Agile/Scrum Methodology
- Git , Github, Gitlab
- Web Programming
- Machine Learning & AI
- Operating system: Linux, Microsoft Windows, macOS
- Framework: Flask
- Organizational Skills
- Critical Thinking
- Time Management
- Detail-Oriented

## Experience

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Varsity Tutors | Houston, TX

**Part Time Programming Instructor**

06/2019 - Current

- 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 .

Varsity Tutors | Houston, Texas

**Mathematics Instructor/ Part Time**

08/2017 - Current

- 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.

Cigna | Hartford, CT  
**Junior SQL Developer**  
02/2020 - 10/2022

- 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.

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
- Normalized databases which helped reducing duplicate data,
- significantly improving marketing segmentation, and enhancing performance and metrics
- Maintenance and support of SQL server Mirroring, Log shipping, Clustering, and other methods of disaster recovery. Working with business stakeholders, application developers, and production teams and across functional units to identify business needs and discuss solution options.
- 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.

United Health Group. | Houston, TX  
**Data Analyst**  
03/2017 - 03/2019

- Utilized Business Intelligence tools, including Power BI, to analyze and visualize large datasets, providing valuable insights for business decision-making.
- Built systems for modeling and large data analysis using Data Brick, leveraging hands-on experience to optimize data processes and enhance efficiency.
- Managed Azure Data Lake and Blob stores, ensuring data quality and accessibility.
- Developed web applications using Power BI Rest APIs, enabling real-time data visualization and interactive user experiences.
- Implemented and enhanced data pipelines using Azure Synapse, streamlining data flow and improving data management capabilities.
- Developed scripts using Python to automate data processes and perform data transformations.
- Collaborated with cross-functional teams to gather requirements, understand business needs, and deliver actionable reports and dashboards.
- Conducted data analysis and performed ad-hoc queries to answer complex business questions.
- Maintained data integrity and security by implementing appropriate data governance practices.

Johnson & Johnson | New Brunswick, NJ  
**Python Developer Intern**  
03/2016 - 07/2016

- Developed and maintained Python-based web applications using frameworks with Flask.
- Collaborated with cross-functional teams to gather requirements, design and implement solutions, and deliver high-quality software products.
- Designed and optimized relational and non-relational databases for efficient data storage and retrieval.
- Implemented RESTful APIs for seamless integration with external systems

and services.

- Utilized web scraping techniques to extract data from various sources and perform data analysis.
- Worked with front-end developers to integrate server-side functionality with client-side interfaces.
- Conducted code reviews and performed unit testing to ensure code quality and functionality.
- Used version control systems like Git to manage source code and facilitate collaboration.
- Participated in Agile/Scrum development methodologies to meet project deadlines and milestones.

## Education and Training

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Houston Community College | Houston, TX

**Associate of Science** in Computer And Information Sciences

08/2017

Marien Ngouabi | Congo

**Bachelor of Science** in Mathematics

08/2012

## Languages

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**English:**



Full Professional

**French:**



Native/ Bilingual

**Spanish:**



Limited

## Websites, Portfolios, Profiles

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

## Certifications

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- Certified data scientist ~Rice University
- Microsoft 70-762 SQL dev Certificate