SKYLAR CALVIN

DATA ENGINEER

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EDUCATION

Master of Science, **2020**
Data Science and Analytics
University of Missouri
Columbia, MO

Bachelor of Arts, **2013**
Mathematical Sciences
University of Illinois
Springfield, IL

SKILLS

- ETL/ELT Pipeline Development and Automation
- Dimensional Modeling
- Data Infrastructure Development
- Data Visualization
- Business Analytics
- Object-Oriented Programming
- Version Control
- DevOps
- CI/CD Pipelines
- Agile Development
- Databricks / Jupyter Notebooks
- Cloud Technologies
- Python Language
- R Language
- SQL Language
- SQL Server
- PostgreSQL
- MySQL
- MongoDB
- Linux Automation

CAREER OBJECTIVE

I am a highly skilled and experienced data engineer with over three years of hands-on experience in designing, developing, and optimizing large-scale data pipelines and analytics solutions. I also have six more years of experience under my belt working as a (Senior) data analyst, with one year of that overlapping in ETL pipeline development. I am highly proficient in utilizing cutting-edge technologies and tools to extract, transform, and load (ETL\ELT) data, ensuring its quality, accuracy, and integrity. Throughout my career, I have developed a proven ability to collaborate with cross-functional teams to identify business requirements and implement scalable data solutions that drive actionable insights. I am now seeking a challenging, remote data engineering role somewhere in the professional sports industry where I can combine my lifelong passion for sports with my data engineering prowess.

8 YEARS OF WORK EXPERIENCE IN THE DATA FIELD

Data Engineer III | Kansas City Life Insurance Company
June 2021 - Present

- I demonstrate exceptional leadership skills by effectively leading and managing a high-performing data team consisting of two other engineers.
- I orchestrate data development initiatives using Python and various flavors of SQL, ensuring seamless collaboration and efficient project execution.
- I consistently showcase problem-solving prowess by addressing a wide range of technical challenges in data pipelines.
- I proactively resolve issues related to data integrity, quality, dimensionality, and availability, guaranteeing the reliability and accuracy of critical data assets.
- I recently resolved a financial reporting discrepancy for the accounting department by swiftly and decisively resolving a critical data pipeline issue. By rectifying a problem where decimal points in a few columns and tables were being rounded off in column calculations, I was able to fix their report, saving the business countless hours of manual validation time. This resolution not only ensured accurate financial insights moving forward, but also enhanced the overall reliability and precision of data-driven decision-making processes.

VOLUNTEER EXPERIENCE

Vice President
Harrisonville Athletic Boosters
May 2022 - Present

- I serve as an officer of a Missouri 501(c)(3) nonprofit organization geared towards providing financial support for various student athlete organizations in the Harrisonville, MO school district.
- Oversee concessions various fun-raising pursuits for the club including oversight of concessions stand operations at district sporting events.
- In support of the students, I oversee the operation and maintenance of commercial grade two touring buses which ferry student athletes to and from away sporting events.
- Recently I was elected to a second term as vice-president of the club.

Scholarship Committee Member
Harrisonville Athletic Boosters
March 2022 - April 2022

- As a booster club member I sat on a committee for the awarding of two academic scholarships to student athletes who the committee felt best personified the values of the club.
- Applicants were judged not only on academic performance, but also on their academic involvement during school and their community engagement.

Youth Rec Soccer Coach
Harrisonville Soccer Club
2013 Spring Season

- I coached an amazing group of kids on the soccer field.

Data Analyst II / Senior Data Analyst | NIC Inc.
October 2014 - November 2020

- I conducted comprehensive data analysis, visualization and research using advanced techniques, enabling the extraction of meaningful insights from complex datasets.
- For the last year or so, I wrote my own ETL pipelines, which fed data into a MySQL database, used for my analysis.
- I regularly engaged with senior management, delivering impactful presentations that effectively communicated key findings and actionable insights derived from data analysis.
- I utilized data visualization tools and techniques to present complex information in a clear and concise manner, facilitating informed decision-making at the highest levels of the organization.
- I proficiently used a diverse toolkit comprising PowerBI, Python, R, and SQL, leveraging the power of these tools to extract, transform, and analyze complex datasets, uncovering valuable insights and patterns that drove informed decision-making.
- I actively participated in data gathering and cleaning processes, ensuring the availability of high-quality and reliable data for analysis.
- I employed meticulous attention to detail and advanced data manipulation techniques to enhance data integrity and accuracy, optimizing the overall data analysis workflow.
- I demonstrated expertise in data visualization by utilizing R Shiny and PowerBI to create compelling and interactive visual representations of complex datasets.
- I effectively translated data into visually appealing dashboards and reports, making it easier for stakeholders to grasp key insights and trends, facilitating data-driven decision-making.

OTHER WORK EXPERIENCE IN THE IT FIELD

Linux Systems Engineer |NIC Division of Tyler Technologies
November 2020 - June 2021

- I briefly volunteered to fill in as a Linux Systems Engineer when there was a staffing shortage on the Linux Team.
- I thoroughly patched and maintained over 1200 CentOS and Ubuntu Linux virtual machines in various environments.
- I provided critical break fix incident resolution for Linux operating system issues, including on production financial systems.

MLB FRONT OFFICE EXPERIENCE

IT Help Desk Internship | Kansas City Royals
2012 MLB Season

- Summer Internship while I was working on my Bachelors degree.
- Employed by the Royals primarily, but MLB during All-Star week.
- End-user technical support of all team departments.
- Server and network support of IT infrastructure, including physical network cable installation and troubleshooting.
- Valuable exposure to working in a major league front office.