**John Smith**

Data Engineer

City, Country

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**EXPERIENCE**

**Coached.com** *January 2020 - Present*

Senior Data Engineer

Architected an end-to-end data processing pipeline that consolidated multi-source datasets, boosting analytics efficiency by 40%

Optimized data retrieval processes using partitioning and indexing strategies in NoSQL databases, reducing latency by 50%

Spearheaded the migration of large-scale data warehouses to cloud-based platforms, leading a team of 5 and improving system scalability

Developed complex ETL scripts to clean, transform, and integrate 10TB+ datasets, which enhanced data quality for critical business decisions

Initiated a company-wide data governance strategy that enforced data standards and streamlined data access for cross-functional teams

**Amazon Web Services** *June 2017 - December 2019*

Data Engineer

Implemented a serverless data processing architecture using AWS Lambda and Kinesis, processing over 1 million events per day

Designed and maintained reliable data pipelines for high-velocity data streaming, supporting customer insights analytics

Collaborated with machine learning teams to prepare datasets for predictive model training, resulting in a 20% accuracy improvement

**IBM***March 2015 - May 2017*

Data Engineer

Automated data ingestion workflows with Python scripting, saving the team over 10 hours of manual work per week

Enhanced database performance by fine-tuning queries and implementing indexing strategies, leading to a 30% improvement in speed

**Resume Worded** *January 2013 - February 2015*

Junior Data Engineer

Assisted in the design of a data warehousing solution, which enabled more robust reporting capabilities for internal stakeholders

**EDUCATION**

**Resume Worded Institute** *May 2017*

Master of Science in Data Engineering

Thesis on ‘Scalable Data Infrastructures and Real-time Analytics’

**Resume Worded University** *April 2013*

Bachelor of Science in Computer Science

Minors in Distributed Computing

Summa Cum Laude graduate, Top 5% of the class

**SKILLS**

Programming Languages: Python (Expert), Java (Advanced), Scala (Advanced), SQL (Advanced), C++ (Intermediate)

Data Processing: Apache Spark (Expert), Hadoop (Expert), Kafka (Advanced), Flink (Intermediate), Airflow (Advanced), NiFi (Intermediate)

Databases: MySQL (Advanced), PostgreSQL (Advanced), MongoDB (Advanced), Cassandra (Intermediate), Redshift (Advanced), DynamoDB (Advanced)

Cloud & DevOps: AWS (Expert), Azure (Advanced), Docker (Advanced), Kubernetes (Intermediate), Terraform (Intermediate), Jenkins (Intermediate)

**OTHER**

Certifications: AWS Certified Big Data - Specialty (2021), Certified Data Management Professional (CDMP) (2019)

Continuous Learning: Regular attendee of DataEngConf and Strata Data conferences, completed 'Advanced SQL for Data Engineers' course on Udemy (2022)

Publications: Co-authored 'Streamlining Data Pipelines in High-Growth Environments', Journal of Big Data (2018)

Organizations: Member of the Institute of Electrical and Electronics Engineers (IEEE), active participant in local Data Engineering Meetups