First Last

Data Engineer

WORK EXPERIENCE

Resume Worded, London, United Kingdom
Education technology startup with 50+ employees and $100m+ annual revenue

Data Engineer   08/2021 – Present

- Created a data pipeline to consume and store 500TB of raw data weekly using Apache NiFi, Kafka, Elasticsearch, Redis, Python, and Go.
- Developed an analytics platform for 20+ stock exchanges with real-time dashboards in ReactJS/Redux that display trade volume by currency pair, user activity, and other vital metrics.
- Executed anomaly detection algorithms to detect distinctive trading patterns across 30+ FX platforms based on historical data from API and the web.
- Designed a multi-user, multi-database application for 10+ clients with a data processing requirement of 1M records.

Polyhire, London, United Kingdom
NYSE-listed recruitment and employer branding company

Analytics Consultant   10/2019 – 07/2021

- Devised a methodology that allowed 200+ clients to prioritize vital analytics requirements and convert them into actionable tasks within a 3-day deadline.
- Overhauled the ERP system at Polyhire to sustain a full range of high-volume analytics, boosting monthly revenues by 59% YoY.
- Constructed consumer sentiment using multivariate statistical techniques, search engine optimizers (SEOs), and stock market indexes; improved Q1 2020 sales forecasting outputs by 70%.
- Determined optimal business patterns based on data analysis models and redefined business strategy, which yielded 95% ROI values beyond industry averages.

Growthsi, London, United Kingdom & Barcelona, Spain
A software company that sells call center technologies

ETL Developer   11/2018 – 09/2019

- Overhauled reporting ETL improvements that saved Growthsi $15K quarterly and assisted the change management unit in implementing the solution.
- Analyzed ETL process failures, data anomalies, and data warehousing issues identified by 50+ developers and 300+ end-users.
- Partnered with 20+ business analysts and 10+ DBAs to gather requirements, business analysis, and design of data marts.
- Developed 140+ reports utilizing Microsoft SQL Server 2008 R2, which reduced development cycle time by 60% and provided substantial business value.

PREVIOUS EXPERIENCE

Cloud Architect, ABC Company, London, UK   06/2017 – 10/2018
Big Data Developer, XYZ Company, New York, USA   01/2016 – 05/2017
Business Intelligence Analyst (Internship), ABC, New York, USA   07/2014 – 12/2015

CONTACT

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SKILLS

Hard Skills:
- Data Warehousing
- Integration
- Apache Kafka Streaming
- Scripting
- Data Pipelines
- Programming

Techniques:
- Distributed Databases
- Google BigQuery
- Extract, Transform, Load (ETL)

Tools and Software:
- PostgreSQL
- MongoDB
- Apache Kafka
- Snowflake

Languages:
- English (Native)
- Romanian (Native)
- Spanish (Conversational)

EDUCATION

University of New York
Bachelor of Science
Mathematics
New York City, New York
10/2011 - 06/2014

OTHER

- Certified in Data Science
- Certified Analytics Professional