

SENIOR DATA ENGINEER

Job Description:

If you are a world-class Data Engineer who is keen to join a fast-growing and forward-looking team of an exciting Swiss start-up then we'd love to hear from you. You will be designing, developing, deploying, supporting, monitoring and trouble-shooting our big data infrastructure to enable provision of cutting edge insights and personalization to our clients. As an experienced data pipeline builder and data wrangler the ideal candidate enjoys optimizing data systems and building them from the ground up. He or she will support our software developers, database architects, data analysts and data scientists on data initiatives and will ensure optimal data delivery architecture is consistent throughout ongoing projects. Last but not least, the right candidate will be excited by the prospect of optimizing or even re-designing our company's data architecture to support our next generation of products and data initiatives.

Job responsibilities:

- Design, develop, test and maintain systems for data science and advanced analytics processes and implement big data infrastructure
- Create and maintain optimal data pipeline architecture; identify, design, and implement internal process improvements: automating manual processes, optimizing data delivery, re-designing infrastructure for greater scalability
- Build the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources using SQL and topical 'big data' technologies
- Build analytics tools that utilize the data pipeline to provide actionable insights into customer experience, operational efficiency and other key business performance metrics
- Work with all stakeholders to assist with data-related technical issues and support their data infrastructure and data systems functionality needs
- Sourcing, organizing and pre-processing large, complex data sets that meet functional / non-functional business requirements

Skills:

- 5+ years of working experience in a Data Engineer role, including processing and extracting value from disconnected datasets as well as implementing high-performance micro services
- Graduate degree in Computer Science, Statistics, Informatics, Information Systems or another quantitative field
- Experience using most of the following software/tools:
 - big data tools: Hadoop, Spark, Kafka, etc.
 - relational SQL and NoSQL databases, including Postgres and Cassandra
 - data pipeline and workflow management tools: Azkaban, Luigi, Airflow, etc.
 - AWS cloud services: EC2, EMR, RDS, Redshift
 - stream-processing systems: Storm, Spark-Streaming, etc.
 - object-oriented/object function scripting languages: Python, Java, C++, Scala, R, Cassandra, Kafka, etc.
- Strong grasp of database structure, query design, large data sets, distributed systems and statistical concepts.
- Strong self-organizational skills and highly motivated by interdisciplinary cooperation
- Excellent troubleshooting and creative problem-solving abilities