

Data Engineer / Big Data

Description

Company Description

ALTEN is a leader in Engineering and Enterprise IT Services, one of the 3 main consulting societies in France, with 57,000 employees, 88% of whom are engineers, with operations in 35 countries. Sophia-Antipolis is the first and largest technopole in Europe, located in the South of France between Nice and Cannes, near Antibes. It's also called the European Silicon Valley.

Reporting to our consulting team, you will work in an IT environment as an Data engineer, taking part in projects in an Agile environment.

Job Description

The mission consists in taking part to projects that are collecting, processing, and converting raw data into information (Flat Data + KPIs) that can be interpreted by data/business analysts.

The Data accessibility is the ultimate goal of this mission, by enabling the Digital data users to utilize data for their business decisions.

This role is more Pipeline-centric, for which you need in-depth knowledge of distributed systems and computer science.

The mission scope will encompass the design and delivery of some key components of the Digital Data platform(Spark environment, Scala language) including following activities:

- Participate to specifications reviews, propose technical solutions and perform feasibility studies.
- Acquire datasets that align with business needs.
- Develop algorithms to transform data into useful, actionable information.
- Develop, construct, test, and maintain optimal data pipeline architectures.
- Create new data validation methods and data analysis tools.
- Ensure compliance with data governance and security policies.
- Identify ways to improve data reliability, efficiency, and quality.
- Identify, design, and implement internal process improvements: automating manual processes, optimizing data delivery, re-designing infrastructure for greater scalability, etc.
- Prepare data for predictive and prescriptive modeling.
- Work with data and analytics experts to strive for greater functionality in our data systems; which requires a closed collaboration with the other teams.
- Develop software according to Amadeus Standards, including documentation
- Perform code reviews in line with Amadeus quality standards.
- Conduct unit, package and performance tests of the software and ensure a level of quality in line with the Amadeus guidelines.
- Participate in the validation / acceptance phase of the product cycle

Hiring organization

Candidate-1st

Employment Type

Full-time

Beginning of employment

asap

Job Location

Antibes, France

Working Hours

40

Base Salary

euro USD 107K - 185K *

Date posted

May 16, 2024

ensuring the fine-tuning necessary to finalize the product.

- Produce software documentation necessary for the application and issue it to the requesting departments.
- Support the end user in the Production phase by debugging existing software solutions in response to Problem Tracking Records (PTR) and Change Requests (CR) issued from Product Management or Product Definition.

As part of the team, the consultant will, as well, work as DevOps, releasing the software load to production, monitoring jobs and being involved in maintenance activities. Quality analyst activities are also handled by the Devs.

Our current data platform is a MapR architecture, and we are in the process to migrate the whole platform to the Azure cloud., which is one of the key focuses for the team in the upcoming months. This will trigger easier adoption of data and foster collaboration within Amadeus around data.

Qualifications

Technical skills:

- Previous experience as a data engineer or in a similar role
- Experience building or optimizing “big data” data pipelines, architectures and data sets.
- Hands-on experience with Scala (>2 years or a strong experience with Java/C++ with a good knowledge level of Scala)
- Experience with big data tool: Spark, Kafka, MapR , Hadoop
- Understanding extract, transform, and load [ETL](#) systems
- Knowledge of cloud services: MS Azure

Soft skills:

- Agile Mindset: must be comfortable working with Agile values and artifacts
- Fast learning: must be able to adapt quickly to the existing environment and new changes
- Analytical thinking and problem-solving mindset: must be able to quickly identify, implement work-around to solve incidents and work on long term data solutions
- Team spirit, knowledge sharing, Empathy: must be able to work in a team and to communicate clearly with the other team members and users
- Pro-activity, Professionalism, Openness and Innovative mindset

Various:

- English: professional level
- Knowledge of Scrum framework and Agile methodologies.
- Knowledge of airline business is a plus

Additional Information

ALTEN places the career development of the Engineers at the heart of its model

and allows you to quickly take on responsibilities and evolve in line with your professional objective. It's the promise of growing your skills on concrete subjects in a project team, with a permanent contract as an ALTEN consultant!

Do you recognize yourself in this description? Then send us your CV.

Our teams will be delighted to study your application and meet you !

How the process will look like

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

Job Benefits

USD 107K – 185K *