TRAINING CERTIFICATE

BY Anatoly Zelenin

Real-Time Data
DEVELOPER
advanced
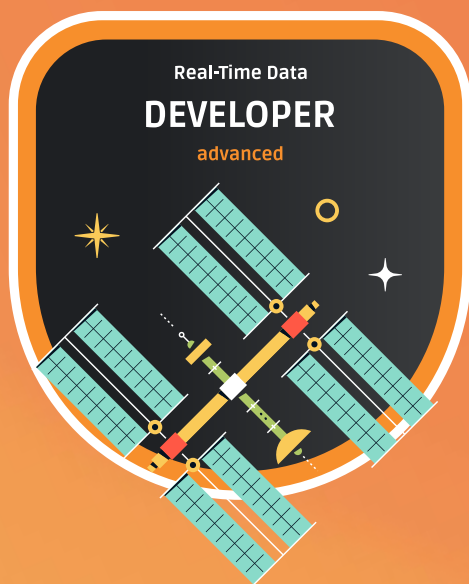
Apache Kafka for Python Developers

Course

April, 15 - 17, 2024

Date

Jari Korkiakoski

Name

Signature

Advanced
Developer
Training

FRESH FUEL FOR DEVELOPERS

Day 1:
"Hello World" with Kafka

We will learn the basic concepts of Kafka development and discover how to develop performant and reliable applications in the coding challenges.

Day 2:
Stream Processing with Kafka Streams

In the numerous labs of the day, we develop services based on Faust Streaming: from simple stateless operations to complex services with local state.

Day 3:
Ready for production

Based on what we have learned in the first two days, we will look at the components necessary for successful development, fluency and how to support our operators in production with Kafka.

FOCUS
How do we produce and consume messages? Producer and consumer; first programming challenges

How do we develop reliable and fast applications Performance tuning and transactions

What are the important tools? Introduction to all relevant development tools

FOCUS
How do we connect Apache Kafka to third-party systems? Kafka Connect; development of own connectors

How do we develop Stream Processing applications? How do we transform Kafka from a simple message queue to a full-fledged streaming platform?

FOCUS
Patterns & Best Practices How can we make our Kafka life easier, and which tools already exist?

Kafka applications in production What to look out for and how can developers and administrators sleep soundly at night?

✅ **Course completed**

Anatoly Zelenin
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