Modern Functional Java: Streams

> *Go deep into Java's functional ecosystem and data streams.*

DURATION	LEVEL	GROUP RATE
1 day	**Professional**	**$2,900**

CURRICULUM & HIGHLIGHTS

- Lambdas & Method References
- Functional Interfaces
- Streams API: Map & Filter
- Collectors & GroupingBy
- Optional & Error Handling

Functional programming is now crucial for handling complex data processing effectively. Without a proper walkthrough of Java's functional ecosystem, teams often end up in unreadable loops and bug-prone transformations that lower code quality significantly in large projects today.

In this workshop, we explore Lambdas, Streams, and functional interfaces in depth through Active Learning. I guide you through the art of thinking in data streams instead of imperative loops. We look at advanced Collectors, Optional handling, and how to write code that is compact, thread-safe, and much easier to maintain in large Enterprise projects. We build a modern toolbox for efficient data processing that makes your code both faster and safer to run in production for the future here now.

TERMS
Fixed rate (max 12) for remote delivery. Extra costs for onsite.

YOUR OUTCOME
The ability to build advanced data transformations using Lambdas and powerful Streams.

TARGET AUDIENCE
Developers looking to write more declarative, readable, and thread-safe Java code.

PREREQUISITES
Solid Java experience equivalent to my workshop 'Java Jumpstart: The Essentials'.

RECOMMENDATION
Ensure your code stays high quality with the 'TDD & Mockito: Quality in Java' workshop.

TECHNOLOGIES & FOCUS

`FUNCTIONAL` `LAMBDAS` `STREAMS` `JAVA 21` `CLEAN CODE`