**Java 8 Streams Hands On Course for Buzy Coders**

**About this course**

Java 8 Streams have changed the way modern developer is writing the code. This Course is desgigned for Buzy coders to make them comfortable to apply streams processing to there existing code/new code to make it more elegant and performant . How to apply Optional and Stream processing would be demonstrated with Spring boot application

**Course prerequisites**

Good hands on working knowledge on Java 7, familarity with spring framework is desirable.

**Skill level**

Basics to Intermediate Level

**Duration**

Two Half day session (4Hr session)

**Session 1**

* Introduction to java 8, Why i should care for it?
* functional interface
* Lambda expressions
* Diff bw ann inner class vs lambda expression
* Performance lambda, lambda under the hood
* Passing code with behavior parameterization
* introduction to stream processing
* functional interfaces defined in Java 8
* Working with streams details
* Primitive stream specializations
* Parallel data processing and performance
* Optionals

**Session 2**

* Collecting data with streams
* Debugging and logging
* Design pattern with java 8
* Date time API Java 8
* Basics of Paralllel strams, performance

**Case Study:**

Case study: Product store application

Applying Stream processing, Optinal with Spring boot application