

Intermediate Java

WELCOME!



Maurice Naftalin





Join Us in Making Learning Technology Easier



Our mission...

Over 16 years ago, we embarked on a journey to improve the world by making learning technology easy and accessible to everyone.

...impacts everyone daily.

And it's working. Today, we're known for delivering customized tech learning programs that drive innovation and transform organizations.

In fact, when you talk on the phone, watch a movie, connect with friends on social media, drive a car, fly on a plane, shop online, and order a latte with your mobile app, you are experiencing the impact of our solutions.



Over The Past Few Decades, We've Provided

Over
62,300,000
expert-led learning hours

In 2019 Alone, We Provided

Training to over
13,500 engineers

Programs in
30 countries

Over **120**
active trainers, with
an average of over
two decades of
experience each.

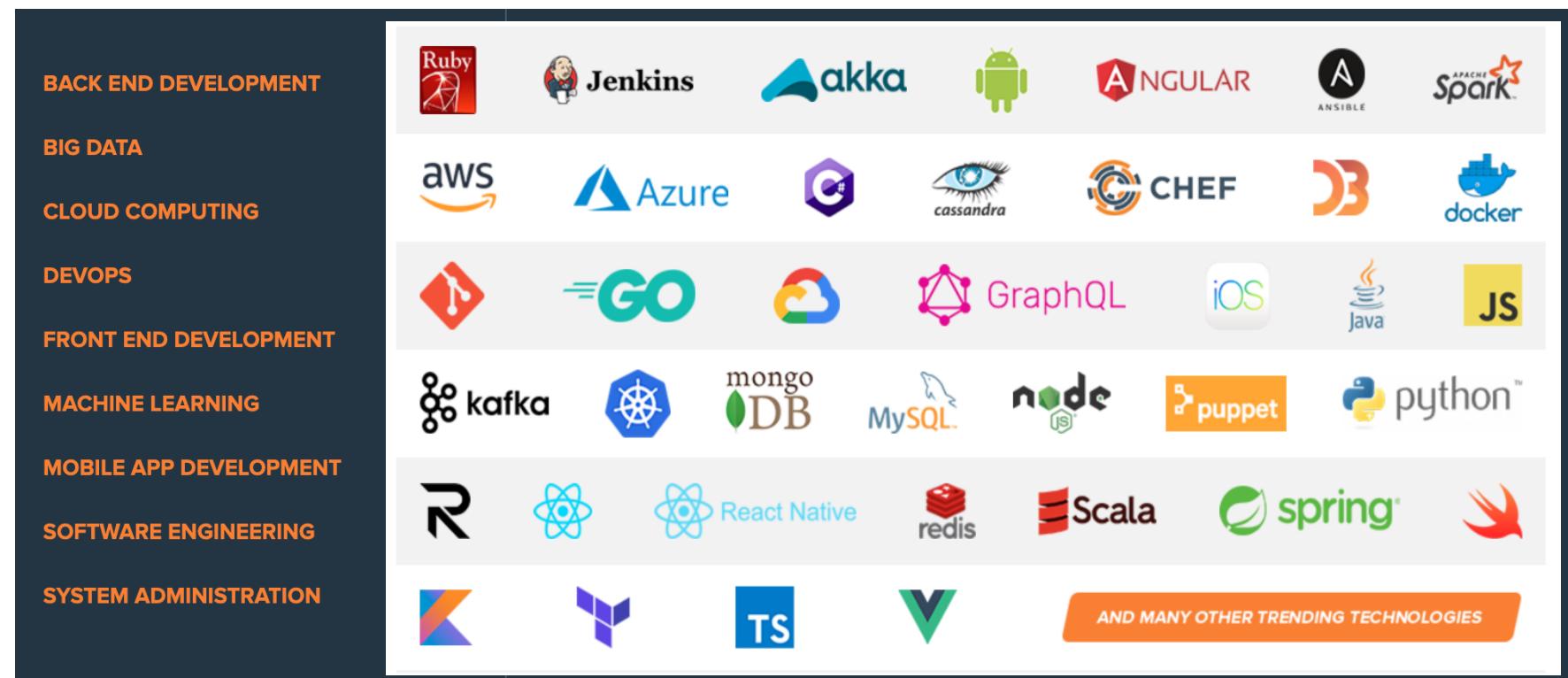


Upskilling and Reskilling Offerings



Intimately customized learning experiences just for your teams.

	Workshop	2-3 day upskilling experiences
	Fast Track	5-day reskilling experiences
	Learning Spike	1-day technology overviews
	Target Topics	90-minute instructor-led micro-learnings
	Hack-a-thon	Learn and build an MVP in 2-3 days





World Class Practitioners



250 best selling books authored



EXPERT PRACTITIONERS

9+ years of training experience



SEASONED CONSULTANTS

150 speaking engagements at industry conferences



Over 62 million practitioner led training hours



ENGAGING INSTRUCTORS

Over 17 years of industry experience per instructor

125 certifications in leading technologies



95% instructor satisfaction



Note About Virtual Trainings



What we want

...what we've got



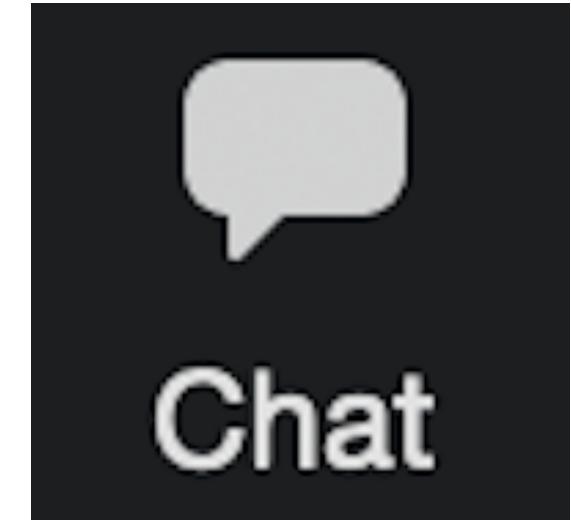
Virtual Training Expectations for You



Arrive on time / return on time



Mute unless speaking



Use chat or ask
questions verbally



Virtual Training Expectations for Me



I will:

- Make this as interesting and interactive as possible
- Ask questions in order to stimulate discussion
- Use whatever resources I have at hand to explain the material
- Try to make sure that everyone who wants to speak can do so
- Use an on-screen timer for breaks so you know when to be back



To Get the Best from Virtual Training...



Please:

- Be present as much as you can (and let me know when you can't)
- Keep your camera on when you can
- Ask questions!!
- Tell me when I should go slower, or faster, or take a break...
- ... and anything else that will help me to teach you better



Prerequisites



- You should have written code in Java and be reasonably familiar with Java 7
- This course will discuss some of the most important features from Java 7 onwards



Objectives

At the end of this course you will be able to:

- Use try with resources and multi-catch constructs to handle exceptions.
- Make good use of collections and streams APIs.
- Use the java.time API.
- Create generic classes and methods
- Use Java's functional features including writing and using lambda expressions.
- Create annotations and write code that identifies and uses annotations at runtime.
- Use key features of the java.util.concurrent apis.



Agenda

- Exceptions
- Collections and Generics
- Lambdas and Streams
- Threads and Concurrency
- Annotations
- Java Time



Why Java?

- In the top three for global use, for the last 25 years
- Used in almost every area of computing, libraries for every domain
- Excellent record on backward compatibility, and still evolving



This Course

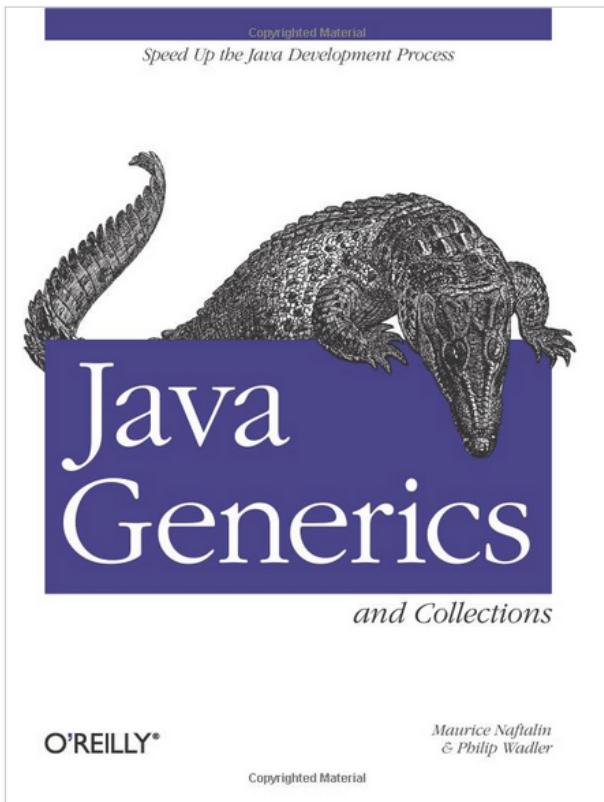
- Some slides
- Some whiteboard
- Some live code
- Lots of exercise time!
- Everything available at <https://github.com/MauriceNaftalin/Salesforce-Intermediate-Java.git>
 - For a week
- Course recording will be sent to you
 - Also available for a week



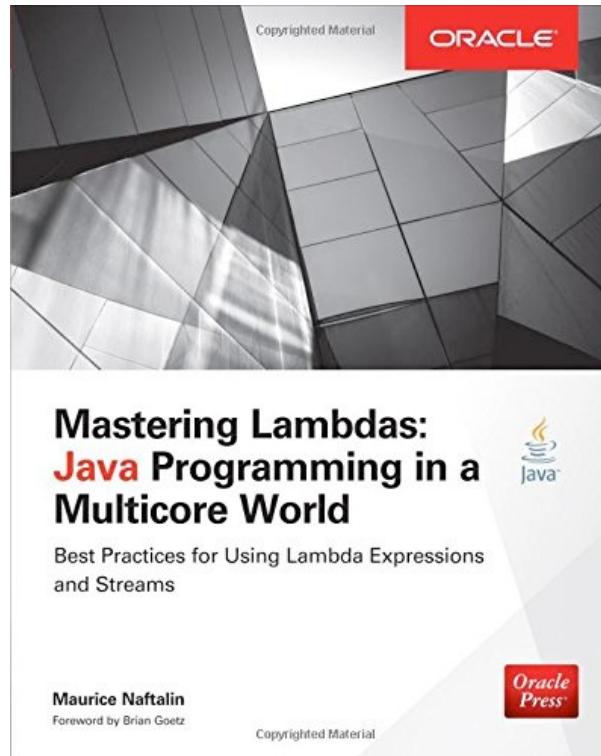
About me



Java 5



Java 8



Java Champion





About you

Questions?

