



# 1 2 3 Completed course catalog

2019

Established in 2009, 123Completed specializes in delivering complex software projects and consultancy with more than 200 engagements worldwide, and is proud of having numerous happy customers worldwide. We support the most demanding enterprises out there, with services in the areas of Docker, Microservices and Kubernetes, Extreme Transaction Processing, NoSQL, Big Data, Cloud Computing, Application Lifecycle Management, Mobile and Web development as well as many other activities.

We are not afraid of any challenge and we have the references to prove it.

1 2 3 Completed courses are delivered all around the world by 1 2 3 Completed experts and partners. 1 2 3 Completed was chosen by Redis Labs, HP, GridGain, CA, GigaSpaces and others for developing courses around the vendors most sophisticated requirements and product and in their portfolio. We are happy to customize a course to meet our customer demand. Our customers are praising our training and overall engagement skills.

Locations of courses delivered on site by 1 2 3 Completed:

All courses are fully customizable to meet your very specific requirements.

For an unforgettable, enjoyable and productive training and consulting experience, contact 1 2 3 Completed!

Eyal Rubin

CEO, 123 Completed Ltd.

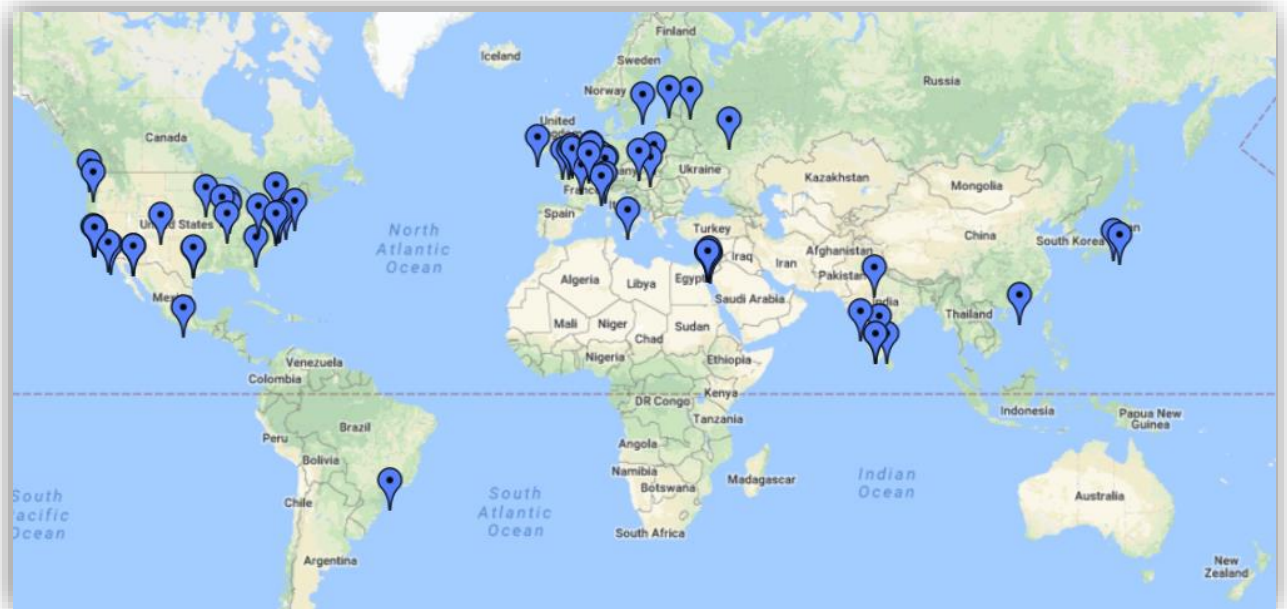
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Some of our references:



Just wanted to thank you for the fantastic Cassandra course last week. It's been a long time since I've done a course with someone who knows his material as well as you did...and it was truly a pleasure.



ING, Ben VosManager IT-Support Nolio DB/CIO/ITOps/Prod/Support, ING Netherland

We would like to thank you for the effort and excellent trainings 123 completed have delivered at ING the last year, as we surely have had a good benefit from your trainings... We will surely mention the trainings from 123completed as we are surely satisfied about your work on the ING side.



Gershon Dinner  
Gigaspaces

GigaSpaces has outsourced all courseware development to the safe hand of 1 2 3 Completed. The quality and training offerings delivered by 123Completed are top notch. Our customers feedback is nothing but applause and compliments.



Bank Of America, Charlotte, North Carolina, United States

Thank you for this wonderful course. I learned a lot! You are absolutely one of the best trainers I've ever met. The course was excellent. I liked the format and the labs. It was well organized and emphasized the key aspects of performing any given development task or administration troubleshooting concept.



American Airlines

I wanted to thank you for the excellent class that we just finished in Fort Worth, TX. The breadth and depth of your knowledge on this product is pretty clear, and the way you presented the material kept me engaged throughout the class. This class was the total opposite of the "reading off the slides" approach that I see sometimes and I appreciated that. The class materials were good and the labs really helped to reinforce the concepts we learned in the lessons. I think the knowledge that we gained will be indispensable as we move forward with our implementation.



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Catalog #	Domain	Course Name	Recommended Audience	Description	Days	Notes
C123-015	Docker, Microservices and Kubernetes	Introduction to Docker, Microservices and Kubernetes for developers	Developers, Architects	Learn and experience Docker and Docker Compose and be introduced to Microservices and Kubernetes	2	123Completed original courseware. Partnership with VMware
C123-101	Big Data Introduction	Introduction to Big Data, Hadoop M/R and NoSQL Training	Developers, Architects, DBAs	Learn and experience Big Data Solutions including Hadoop HDFS, Map Reduce, NoSQL DBs: Document Based DB (Mongo DB), Column Based DB (Cassandra DB, HBase) and In Memory Data Grids (Redis).	5	123Completed original courseware. Any of the topics can also be trained as a 0.5/1 day seminar.
C123-102	Hadoop and Map Reduce Introduction	Introduction to Hadoop and Map Reduce Training	Developers, Architects, DBAs	Introduction to Hadoop and Map Reduce Training	3	123Completed original courseware.
C123-103	NoSQL Introduction	Learn and experience Hadoop HDFS, Map Reduce and Apache Spark	Developers, Architects, DBAs	Learn and experience NoSQL DBs: Document Based DB (Mongo DB), Big Table Databases (Apache Cassandra DB) Column Based DB Apache HBase In Memory Key Data store (Redis) AND In Memory Data Grids (Apache Ignite)	3	123Completed original courseware. Customer may mix and match content to fit its requirements



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Catalog #	Domain	Course Name	Recommended Audience	Description	Days	Notes
C123-201	Mongo DB	Mongo DB 4.x Core Training for DBAs, Data Architects and developers	Administrators, DBAs, Developers, Architects	Learn and experience Mongo DB 3.x from installation to CRUD and Map Reduce, replication and sharding impact on development, Administration, Data modeling, Design considerations of Mongo DB and more	3	123Completed original courseware.
C123-203	Mongo DB	Introduction to Mongo DB Seminar	DBAs, Developers, Architects	Mongo DB basic CRUD, architecture and access patterns	0.5/1	123Completed original courseware.
C123-210	Apache Cassandra	Introduction to Cassandra 3.x	DBAs, Developers, Architects	Learn and experience Cassandra DB installation, CQL, Data modeling and Java development using the Cassandra driver	3	123Completed original courseware.
C123-211	Apache Cassandra	Introduction to Cassandra Seminar	DBAs, Developers, Architects	Cassandra DB basic architecture, data modeling and access patterns	0.5/1	123Completed original courseware.
C123-251	Apache Kafka	Apache Kafka for Java Developers	DBAs, Developers, Architects	Apache Kafka internals and development for achieving durable, highly available deployment with zero data loss	2	123Completed original courseware.



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Catalog #	Domain	Course Name	Recommended Audience	Description	Days	Notes
C123-302	Project Management	Introduction to traditional Project Management - R&D Organization	Developers, Team Leaders	“Project Management” is a key process for delivering a successful project. The Project Manager should have the skill set to manage and monitor 9 knowledge areas including: Integration, Scope, Time, Cost, Quality, Human Resource, customers, risks and procurement. This class will provide the students with the understanding of the project manager responsibilities and will equip the student with tools and techniques that are specifically relevant to the R&D organization.	3	123Completed original courseware.
C123-401	Apache Ignite and Grid Gain	GridGain Enterprise Data Fabric Training	Developers, Architects	Apache Ignite course for developers and architects. GridGain brings Apache Ignite to the enterprise. All major APIs of Apache ignite are covered including best practices and design considerations	3	123Completed original courseware. Developed by 123Completed as the official courseware of Grid Gain
C123-402	Apache Ignite and Grid Gain	GridGain Ultimate Edition Admin Training	DBAs, Developers, Architects	This training is designed to provide you with the required to administrate GridGain Ultimate Edition	3	Developed by 123Completed as the official courseware of Grid Gain



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Catalog #	Domain	Course Name	Recommended Audience	Description	Days	Notes
C123-403	Apache Ignite and Grid Gain	GridGain Ultimate Edition Development and Admin Training	DBAs, Developers	This training covers all aspects required for administrating, designing and developing powerful applications with Apache Ignite and GridGain	5	Developed by 123Completed as the official courseware of Grid Gain
C123-701	Redis Labs	Redis Pack (RP) 5.x Administration Training	Administrators, Developers, Architects	Learn about Redis and Redis Pack infrastructure, configuration, monitoring tools, APIs, and how to manage and troubleshoot production systems	3	123Completed original courseware. Official courseware of RedisLabs
C123-801	Redis	Introduction to Redis	Developers, Architects	Redis architecture, common use cases and commands	0.5/1	123Completed original courseware.
C123-901	CA Release Automation	CA Release Automation Foundations Training	DevOps, Administrators	The CA Release Automation Foundations Training Course is designed to provide trainees with the knowledge required to build integration processes using Automation Studio and Release Operation Center (ROC) from scratch.	3	123Completed original courseware. Developed by 123Completed as the official courseware of CA.



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Catalog #	Domain	Course Name	Recommended Audience	Description	Days	Notes
C123-910	Design Patterns	Design Patterns and good design practices	Developers, Architectures	“Design Patterns” is the professional language for architects and designers. It improves the overall design process by providing a specialized terminology for common design solutions hence making the design process much more productive. The complexity of Object Oriented design is much simplified by common known good design implementations as well as the avoidance of common design pitfalls.	3	
C123-921	GigaSpaces XAP	GigaSpaces XAP 12.x Core Training	DBAs, Developers	This training is designed to provide you with the knowledge required to build high throughput, low latency applications for scaling with GigaSpaces XAP.	3	123Completed original courseware. Developed by 123Completed as the official courseware of GigaSpaces XAP
C123-922	GigaSpaces XAP	GigaSpaces XAP 12.x Administration Training	DBAs, Developers, DevOps, Administrators	This training introduces the core concepts of GigaSpaces XAP and best practices for installing, administrating, monitoring and troubleshooting the GigaSpaces XAP platform.	3	123Completed original courseware. Developed by 123Completed as the official courseware of GigaSpaces XAP





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Catalog #	Domain	Course Name	Recommended Audience	Description	Days	Notes
C123-923	GigaSpaces XAP	GigaSpaces XAP 12.x Development and Administration Training	Administrators, Developers, Architects	This training introduces the core concepts of GigaSpaces XAP and best practices for installing, developing applications, administrating, monitoring and troubleshooting the GigaSpaces XAP platform.	5	123Completed original courseware. Developed by 123Completed as the official courseware of GigaSpaces XAP
C123-924	GigaSpaces XAP	GigaSpaces XAP 12.x WAN Gateway	Administrators, Developers, Architects	This training is designed to provide you with the knowledge required to architect, design and configure high throughput, low latency Wide Area Gateway using GigaSpaces XAP WAN Gateway	1	123Completed original courseware. Developed by 123Completed as the official courseware of GigaSpaces XAP
C123-925	GigaSpaces XAP	GigaSpaces XAP 12.x Persistence	Administrators, Developers, Architects	This training is designed to provide you with the knowledge required to architect, design and configure high throughput, low latency persistency for your XAP space applications.	1	123Completed original courseware. Developed by 123Completed as the official courseware of GigaSpaces XAP

Interested in more courses. Just contact me directly at, Mobile #: +972-54-260-7104, [eyal.rubin@123completed.com](mailto:eyal.rubin@123completed.com)

Thank you,  
Eyal Rubin, CEO, 123 Completed Ltd.