

# **RESTful Services: Data, JAX-RS and Jersey**

**Modality: Self-Paced Learning**

**Duration: 3 Hours**

## **About this course:**

Representational State Transfer (REST) is a design that characterizes a lot of imperatives to be utilized for making web administrations. The services of the web that are compliant to the architecture of REST are known as the services of RESTful. The primary differentiation of RESTful services is that they give interoperability between PC frameworks on the web. This course covers the key ideas of the services of RESTful and empowers the understudies to comprehend the characteristics and utilization of REST architecture. This course includes the basics RESTful services concepts and permits the students to comprehend the characteristics and usage of the architecture of REST.

This course provides the understudies an outline of the Services of RESTful, including JAX-RS, install, and Jersey, developing an application, and the server. These basic ideas are necessary for any developer of web administration to make RESTful web services. The course can enable the understudies to launch their vocation in the field of the development of web services.

The normal compensation of an API Developer is **\$109,716** annually.

## **Course Objective:**

- Get an overview of Jersey and JAX-RS.
- Comprehend the various kinds of installations
- Application Deployment to Heroku
- Create, develop, and run an application
- Make RESTful clients
- Make, code, and run a server of RESTful.

## **Audience:**

- Java programmers
- Front-end and Back-end developers
- RESTful web services developers

## **Prerequisite:**

There are no formal pre-requirements for this course. But, understudies are advised to register for RESTful Services: Basics before opting for this course.

## **Course Outline:**

### **Chapter 01 - Install, JAX-RS, and Jersey**

- Topic A: Dependency Installations - Part 1
- Dependency Installations - Part 2
- Dependency Installations - Part 3
- Topic B: Deployment Installations - Part 1
- Deployment Installations - Part 2
- Deployment Installations - Part 3
- Topic C: Background - Part 1
- Background - Part 2
- Background - Part 3
- Topic D: JaxRS - Part 1
- JaxRS - Part 2
- JaxRS - Part 3
- Topic E: Jersey - Part 1
- Jersey - Part 2
- Jersey - Part 3
- Chapter 01 ? Quiz

## **Chapter 02 - Developing an Application**

- Topic A: Creating - Part 1
- Creating - Part 2
- Creating - Part 3
- Topic B: Running - Part 1
- Running - Part 2
- Running - Part 3
- Topic C: Deploying To Heroku - Part 1
- Deploying To Heroku - Part 2
- Deploying To Heroku - Part 3
- Chapter 02 - Quiz

## **Chapter 03 - The Server**

- Topic A: Creating the Server - Part 1
- Creating the Server - Part 2
- Creating the Server - Part 3
- Topic B: Coding the Server - Part 1
- Coding the Server - Part 2
- Coding the Server - Part 3
- Topic C: Coding the Server Continued - Part 1
- Coding the Server Continued - Part 2
- Coding the Server Continued - Part 3
- Topic D: Running the Server - Part 1
- Running the Server - Part 2
- Running the Server - Part 3
- Topic E: The Client Side - Part 1
- The Client Side - Part 2
- The Client Side - Part 3
- Chapter 03 - Quiz

