



16 Week Instructor-Led Training

Accelerator Immersive Java/J2EE Certification Program

Accelerate your potential.



JAVA/J2EE PROGRAM

Program Overview

SkillStorm's Accelerator Program is an immersive instructor-led training curriculum that prepares you for the Oracle Certified Associate – Java SE 8 Programmer Certification exam. This program covers Java, Data and Web Layer, React and Javascript, DevOps and Hibernate, Spring, SOAP, and Microservices.

In addition to lectures, practical exercises, and assessments; SkillStorm's immersive program includes instructor-facilitated project-based learning allowing you to constantly apply new knowledge to a project that simulates the actual job duties you'll be performing when you finish the program.

Upon completion, you will be ready to:

Pass the Oracle Certified Associate – Java SE 8 Programmer Certification exam.

16 Week Instructor-Led Training - 640 hours

 \$28,000

 **One voucher for the Java SE 8 Programmer certificate exam is included in tuition.**

Class Schedule

 **Start Date:** December 27, 2021 **End Date:** April 19, 2022

 **Location:** Online

 **Start Date:** April 25, 2022 **End Date:** August 17, 2022

 **Location:** Online/In-Person (Jacksonville)

 **Start Date:** August 22, 2022 **End Date:** December 15, 2022

 **Location:** Online/In-Person (Jacksonville)

Training Hours:

Monday - Friday 9 AM - 5 PM + 5 Hours/Week of Homework

Modules

All modules contain multiple opportunities to test your knowledge and give you the opportunity to apply what you learn.

1. Java - 120 Hours
2. Data & Web Layer - 120 Hours
3. React & Javascript - 80 Hours
4. DevOps & Hibernate - 80 Hours
5. Spring - 120 Hours
6. SOAP & Microservices - 120 Hours



Reasons to enroll

Expand your knowledge:

Master object-oriented concepts, the Java programming language and general knowledge of Java platforms and technologies. With Oracle Certified Associate – Java SE 8 Programmer Certification certification your career opportunities and earning potential will grow.

Career Support Services:

Following graduation from an Accelerator program, SkillStorm will support you with resume preparation, interview preparation, portfolio development and pair you with a SkillStorm career counselor to match you with job opportunities.

PROGRAM **POLICIES**

SkillStorm Mission: To accelerate technology careers with best-in-class instructor-led training preparing students to be certified as developers in the industry's in demand enterprise technology platforms.

SkillStorm Admission Requirements: After submitting your initial application, you will undergo 2 technical assessments prior to admittance into our Accelerator program. The technical assessments will consist of a multiple-choice test to assess a basic understanding of object-oriented programming and a tech screening with one of our instructors to determine whether an applicant possesses the aptitude necessary to successfully complete the training program. You may prepare for the technical assessments by completing our object-oriented programming microcourse for free on our online learning platform StormSurge at stormsurge-catalog.skillstorm.com.

Training Facility: Our state-of-the art Jacksonville training facility, in partnership with Jacksonville University, is located downtown in the SunTrust building with beautiful views of the St. Johns River. We have 2 classrooms that can accommodate up to 25 students each. Each classroom has access to power at each seat, wireless internet, white boards, and presentation equipment.

Facility Administrators: Joseph Mitchell, Chief Operating Officer
Patrick Walsh, Senior Vice President, Training & Technology

Virtual: Synchronous instructor-led training is conducted through a combination of SkillStorm's learning management system and Microsoft Teams. Instructors are present during all training hours and will be available during scheduled office hours after training to answer questions and provide coaching.

Graduation Requirements: Students are required to maintain a 70% average for all tests and projects to graduate from the Accelerator program.

Grading System: Accelerator programs are graded using a percentage grading system from 0%-100%. Students can access grades and transcripts in our learning management system at any time during the Accelerator program.

Academic Probation: If a student's average falls below 70% at any time during the Accelerator program, the student will be placed on academic probation. If the student is unable to bring their average grade up to 70% within 2-weeks of being placed on academic probation; the student will be dis-enrolled from the Accelerator Program.



Course Modules

Module 1: Weeks 1-3

Java

- Programming in Java
- Object Oriented Programming
- Java Virtual Machine
- Exception Handling
- Collections API
- File I/O
- Multithreading
- JUnit and Test-Driven Development
- Maven

Module 2: Weeks 4-6

Data & Web Layer

- Database Concepts
- SQL
- JDBC
- MySQL
- JSON and XML
- Servlets
- Tomcat

Module 3: Weeks 7-8

React & Javascript

- HTML/CSS
- JavaScript
- Inheritance
- Events
- DOM Manipulation
- ES 6
- Arrow Functions
- Ajax
- Promises
- Typescript
- React
- Redux
- Flux Pattern

Module 4: Weeks 9-10

DevOps & Hibernate

- AWS Basics
- CI/CD
- Jenkins
- Containerization with Docker
- Hibernate
- JPA Annotations
- Sessions

Module 5: Weeks 11-13

Spring

- Spring Framework
- Dependency Injection
- XML and Annotation-based Configuration
- Spring MVC
- Spring AOP
- Spring Boot
- Spring Data
- REST Architecture
- Spring Profiles
- Spring Security

Module 6: Weeks 14-16

SOAP & Microservices

- Service Oriented Architecture
- SOAP with Apache CXF
- Intro to Microservices Architecture
- Spring Cloud and Netflix OSS
- Zuul
- Eureka
- Hystrix
- Ribbon
- Feign Client
- RabbitMQ