



Innovation Centre for Education

DIGITAL LEARNING PROGRAM

FULL STACK USING JAVA

Duration of Course: 240 hours

Pre-requisite: Enterprise Applications using Java



80% OF ACADEMIC LEADERS AGREE THAT TO IMPROVE THE EFFECTIVENESS OF HIGHER EDUCATION AND INCREASE THE EMPLOYABILITY OF STUDENTS, THE ONLY WAY FORWARD IS THE COLLABORATION OF "INDUSTRY'S BEST & ACADEMICS' BEST"

FULL STACK USING JAVA

COURSE DESCRIPTION:

A Full Stack Developer is what most IT companies seek these days. The reason being, a Full Stack Developer is a complete developer who understands all the layers of an application in addition to being well versed in the technologies needed at each layer.

The course brings focus to three major layers - the Presentation layer implemented using the latest technologies that include Javascript, JQuery and Angular, the Service layer implemented using Spring Core, Spring MVC and Spring REST and the Data layer focused on using Oracle and integrated into the application using the Hibernate framework. With the testing angle brought about by Selenium and Spring Test framework, the full stack development learning is comprehensive.

The program also equips you with skills to use the most popular application build tools, Maven and ANT and also exposes you to widely used application data formats, JSON and XML. The program's strong Java enablement helps you to perform advanced programming like Algorithmic analysis and data structure implementation using Java.

A 3600 all-round training strategy that picks up on all the latest facets of web development concentrating on the three major layers of a full stack application helps you cultivate the expertise to stand out, as industry demand for Full Stack developers continues to rise.

With a matchless agenda that includes hands-on projects using current industry related scenarios and auto-evaluated tests/assignments, our courseware has just the right mix of theory and practice that aims to bring out the Java Full Stack Developer in a person.

COURSE HIGHLIGHTS:

- Create a UX based presentation layer using Angular, jQuery and JavaScript
- Build strong service layers using Spring Core, Spring MVC and Spring REST
- Learn the most popular Data Formats (XML & JSON) and consume them in web applications
- Manage ORM mapping using Hibernate
- Develop loosely coupled tested applications using Spring technology
- Perform Unit Testing using Selenium to verify codes and their correctness
- Prepares an individual to take up the Oracle Certified Web Component Developer' certification

COURSE OUTCOMES:

Our learning will help you become a complete Java Full Stack Developer with knowledge and skills in the latest Java technologies and their application in the different layers of development. You will also be equipped to take up the 'Oracle Certified Web Component Developer' certification.



NEXT GEN SMART ONLINE PLATFORM:

Let's look at the features which makes it a really Next Gen SMART online platform

- World class course content and course delivery of IBM Digital Learning Program.
- Enables activity-based adaptive learning and assessments with Auto Evaluation and grading of Programming Exercises
- Facilitates adoption of Continuous Evaluation Based Learning
- The Learning content is displayed in multiple formats, with capability for hosting remote online classes conducted with two way streaming of live video / audio
- Auto triggering of SMS and Emails to learners and other stakeholders
- Analytics, Reports and Visual Dashboards available for Actionable Insights appropriate for every stakeholder

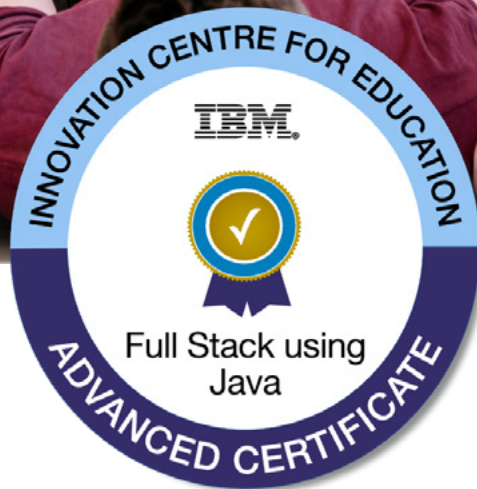
KEY FEATURES OF THE IBM DIGITAL LEARNING PROGRAM





Innovation Centre for Education

Join hands with
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TODAY!



Business Partner