



FULL STACK IN JAVA

PSPJ – (PROFESSIONAL CERTIFICATE COURSE IN SOFTWARE PROGRAMMING IN JAVA)

Duration : 311 Hrs

OBJECTIVE :

This certification is designed to provide individuals with comprehensive skills and knowledge for developing end-to-end web applications using the Java programming language. The course encompasses front-end and back-end development, database integration, and deployment strategies.



LEARNING OUTCOMES :

- ▶ Master Java programming including syntax, object-oriented programming (OOP) concepts, and exception handling.
- ▶ Develop responsive and interactive front-end interfaces using HTML5, CSS3, and JavaScript.
- ▶ Gain understanding of server-side development using Java, including Java Servlets, Java Server Pages (JSP), and frameworks like Spring.
- ▶ Acquire skills in database integration and interaction using JDBC and Hibernate for Object-Relational Mapping (ORM).
- ▶ Implement security and authentication concepts in web applications, including strategies for user authentication, authorization, and protection against common vulnerabilities.
- ▶ Engage in collaborative project development, applying skills and knowledge in a full-stack development environment.
- ▶ Navigate the complete software development lifecycle and apply project management methodologies.

CAREER OPTIONS :



FULL-STACK DEVELOPER



JAVA DEVELOPER



WEB APPLICATION DEVELOPER



FRONT-END DEVELOPER



BACK-END DEVELOPER