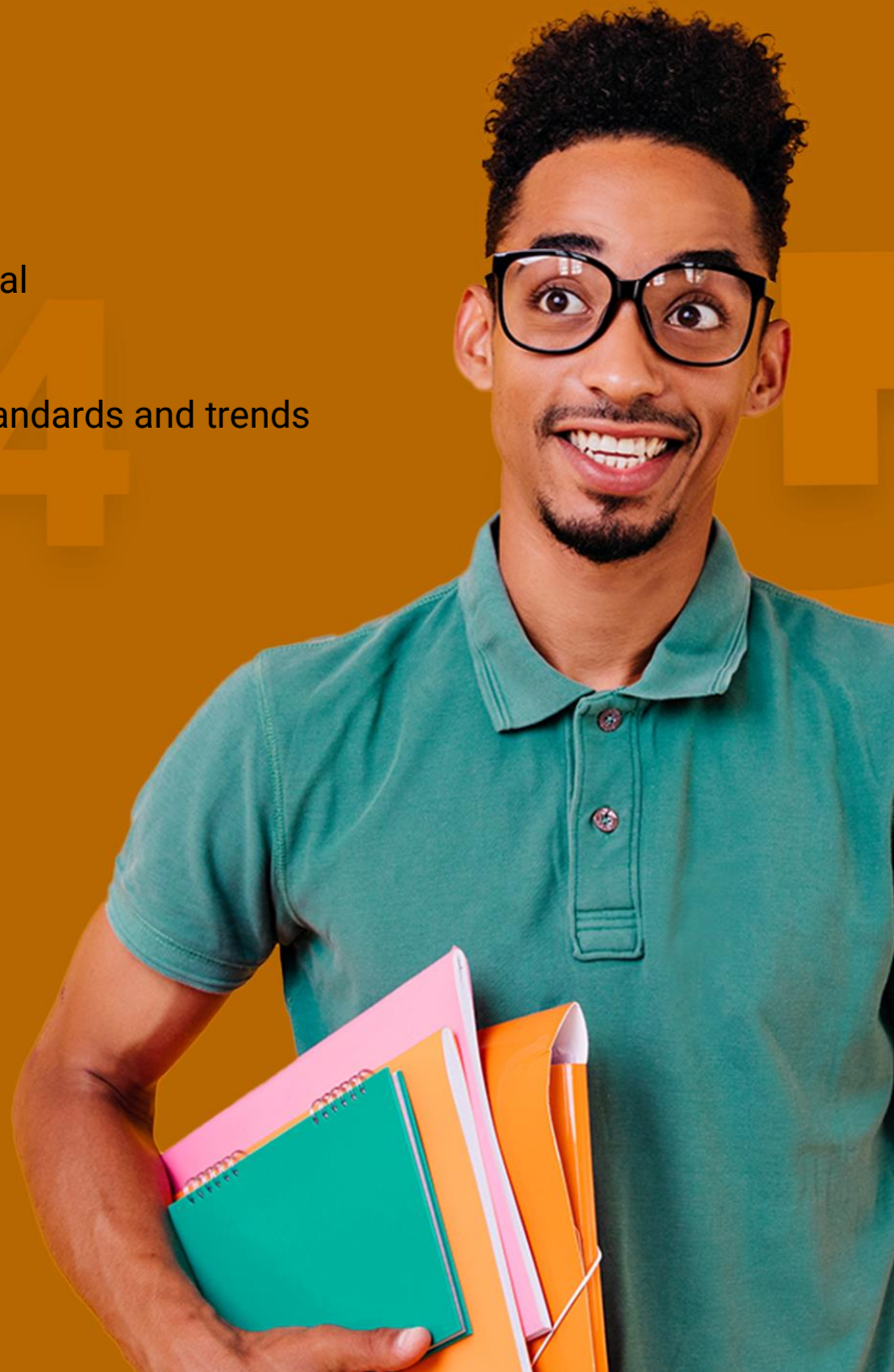


geeks4learning  
a journey to excellence

# Java Full Stack Developer

Full Stack Course

- ✓ **Course duration:** 12 Months
- ✓ **Access duration:** 24 Months
- ✓ **Training:** Theoretical and Practical
- ✓ **Available:** Online
- ✓ **Aligned with:** Current industry standards and trends



<b>Course Details</b>	
<b>Why Enroll to G4L academy:</b>	<p>Our purpose is to help you accomplish your career dreams by aligning our training with what the job market expects in terms of the required knowledge and skills; hence by successfully completing the Geeks4Learning courses you will be better positioned within the job market.</p> <ul style="list-style-type: none"> <li>• We offer free career counselling services</li> <li>• Industry aligned training - we can customize your training to meet your needs</li> <li>• MICT Seta accredited qualifications - exceptions are applicable, contact us for more information</li> <li>• Internationally approved courses</li> <li>• Our courses which are aligned to industry certifications such as Microsoft, Oracle, and ISTQB etc.</li> <li>• We have integrated both theoretical and practical assessment tools that are internationally renowned and well accepted in the South African market</li> <li>• We are a Pearson VUE Test Center, a one-stop academy.</li> </ul>
<b>Purpose of Course</b>	<p>The course will introduce the student to Object-oriented programming, which is a programming paradigm that Java is built on.</p> <p>The course will provide the student with detailed information coupled with coding practices, assessments, and projects.</p> <p>After this project, the student will be able to take on a full-blown Java project.</p>
<b>Entry Requirements:</b>	Grade 12, Matric & Mathematical Literacy for NQF level (National Certificate)
<b>Costs:</b>	R49 500. 00
<b>Course Fees Includes:</b>	<ul style="list-style-type: none"> <li>• Access to our learning management system</li> <li>• Industry aligned internationally approved courses</li> <li>• Geeks4Learning course completion certificate</li> </ul>
<b>Course Description:</b>	Being a full stack developer means that you are an all-

	<p>round developer in a specific language – this includes being able to work with supporting languages and frameworks.</p> <p>Being a full stack Java developer means that you should be able to work not only with the Java programming language, but languages such as SQL, XML and HTML. You need to have knowledge of supporting frameworks such as the Spring Framework, as well as Hibernate.</p> <p>This course covers all the relevant and important topics that you will need to become a full stack Java developer</p>
<p><b>Key Exit Outcomes / Units:</b></p>	<p>The learner will be able to demonstrate the following competencies:</p> <ul style="list-style-type: none"> <li>• Understand the four main pillars of Object-Oriented Programming and be able to utilize them practically</li> <li>• Understand the importance of designing and modelling a program</li> <li>• Be able to create different modelling and design documents for a program</li> <li>• Understand the different SQL sublanguages and how and where to use them</li> <li>• Understand the uses of XML in a Java program and other scenarios</li> <li>• Understand the core concepts in Java programming</li> <li>• Write basic java components such as classes, methods, and objects</li> <li>• Utilize useful Java components such as flow control, exception handling and collections</li> <li>• Utilize fundamental Java classes</li> <li>• Develop a fully functional Java desktop application</li> <li>• Understand how to use Java EE APIs</li> <li>• Understand key processes in developing EE applications such as batch processing, internationalization, injection and using containers</li> <li>• Understand the different types of Web Services and when each one is used</li> <li>• Understand the use of the Spring Framework in Java applications</li> <li>• Understand the use of Hibernate in Java</li> </ul>

	<p>applications</p> <ul style="list-style-type: none"><li>• Understand how to work with HTML and CSS</li><li>• Understand how to work with JavaScript and Angular</li></ul>
<b>Assessments</b>	The learner will write both online and in-person assessments such as IKMs, CodinGame Assessments and HackerRank exercises, MICT Seta Assessments etc
<b>MICT Seta Alignment</b>	MICT Seta – ACC/2020/07/408 SAQA ID: 48872
<b>LMS Website:</b>	<a href="http://geeks4learning-elearning.com">http://geeks4learning-elearning.com</a>
<b>Learner Queries/Support:</b>	<a href="mailto:enquiries@geeks4learning.com">enquiries@geeks4learning.com</a>