Java Programmer

1. Overview

A Java Programmer will be able to implement solutions to solve real-life problems in an efficient manner, applying a knowledge and understanding of the principles of programming with Java and applicable tools.

2. Learning Outcome

- Create well-written and readable Java programs, using a disciplined coding style, including documentation and indentation standards. and create aesthetically pleasing and responsive websites
- Use Git functionalities for working collaboratively in a team and execute version control

Qualification:	Certificate of Completion
Duration:	6-Months
Programme Type:	Category B – Workplace-Based Learning Programme
Programme ID:	PA0390
Programme ID:	SP-220329
NQF Level:	4
Credits:	53
Entry Required:	Grade 11 with Maths Lit and English.
Training Options:	**Online** - Participants are given access to Moodle with all the content required for the successful completion of the programme. Assessments are also completed on the portal. Participants will have access to a facilitator if they need guidance on the content. **Onsite** - Participants are given access to Moodle with all the content required for the successful completion of the programme. Assessments are also completed on the portal. There will be onsite contact sessions in a classroom with a facilitator as requested by the client.
Minimum Learners Required:	(1) Online, (1) Onsite

3. Programme Content

Knowledge Component

- **900102-000-00-KM-01:** Introduction to Java Programming
- **900102-000-00-KM-02:** Principles of Programming with Java
- **900102-000-00-KM-03:** Principles of Object Orientated Programming with Java
- **900102-000-00-KM-04:** Principles of Intermediate Programming with Java
- **900102-000-00-KM-05:** REST API and Modularization

Application Component

- **900102-000-00-PM-01:** Getting started with Java
- **900102-000-00-PM-02:** Programming with Java
- **900102-000-00-PM-03:** Object Orientated Programming with Java
- **900102-000-00-PM-04:** Intermediate Programming with Java
- **900102-000-00-PM-05:** Getting started with REST API and Modularization
- **900102-000-00-PM-06:** Keystone project with Java

4. Workplace-Based Learning Programme

This WLP is a fusion of academic learning and practical work. The learning is directly applied to the workplace by using client-based mentors and extensive workplace-based portfolio work and assignments. Apart from the obvious benefits of a workplace directed qualification, each WLP qualifies for recognition as a Category B Skills Programme in the Learning Matrix of the Amended BEE codes, which allows for the salaries of participants to be recognized as part of the Skills Development Expenditure.

We trust that the above is in order and look forward to hearing from you for Implementation