



IT

LEARNERSHIP



JAVA PROGRAMMER

SP-220329



010 085 0918



www.zoneups.com



405 Cliff Ave, Waterkloofridge, Pretoria



BOOK NOW



68 DAYS



**CLASSROOM
/ONLINE TRAINING**



NQF LEVEL 4 CREDITS (53)

ABOUT THE COURSE

The Java Programmer program is designed to equip learners with the skills required to develop software applications using Java. It focuses on building strong programming foundations, including object-oriented programming, application development, and problem-solving techniques.

Learners will gain the ability to design, develop, and implement real-world software solutions using Java and relevant tools. The program also introduces modern development practices such as version control using Git and collaborative development.

This program prepares learners for careers in software development and supports the growing demand for developers in the Fourth Industrial Revolution (4IR), where technologies such as cloud computing, artificial intelligence, and big data are rapidly evolving.



Target Audience

- School leavers wanting to enter the ICT sector
- Individuals interested in programming and software development
- Learners with basic computer knowledge and problem-solving interest
- People seeking careers in software development and IT

PRICE

CLASSROOM TRAINING : (Price on request)

ONLINE TRAINING: (Price on request)

(Includes snacks and beverages – only applicable to classroom bookings)

1. Introduction to Java Programming

- Basics of Java programming
- Programming concepts and structure

2. Principles of Programming with Java

- Core programming principles
- Java syntax and logic building

3. Object–Oriented Programming with Java

- Classes and objects
- Encapsulation, inheritance, and polymorphism

4. Intermediate Programming with Java

- Advanced programming techniques
- Problem–solving using Java

5. REST API and Modularization

- API development basics
- Modular programming concepts

WORK BASED AREAS

SMART ZONE

- Software Developer
- Java Programmer
- IT Support / Development Roles
- Freelance Developer
- Remote Programmer Technology
- Startups / Companies
- Any industry using software systems

PRACTICAL SKILLS

SMART ZONE

1. Programming with Java

- Write clean and readable Java programs
- Apply coding standards and documentation
- Debug and troubleshoot applications

2. Object-Oriented Development

- Build applications using OOP principles
- Structure reusable and scalable code

3. Version Control & Collaboration

- Use Git and GitHub
- Work collaboratively in teams
- Manage repositories, branches, and commits

4. Application Development

- Develop real-world applications
- Implement solutions to real-life problems

5. Keystone Project

- Build a complete Java-based project
- Apply all learned skills in a practical environment

KEY FEATURES

SMART ZONE

- Skills Programme: Java Programmer
- Programme ID: SP-220329
- NQF Level 4
- Credits: 53
- Duration: 68 Days
- Accredited by QCTO
- Focus on Java programming and software development
- Covers object-oriented programming and REST APIs
- Includes GitHub collaboration and version control
- Combines theory and practical learning
- Includes a keystone (capstone) project

BENEFITS OF THIS LEARNERSHIP

- High demand career in software development
- Strong job security with growing global demand
- Opportunities in multiple industries (finance, healthcare, government, etc.)
- Enables remote work, freelancing, and self-employment
- Supports entrepreneurship and starting tech businesses
- Develops strong problem-solving and logical thinking skills
- Pathway into advanced fields like AI, cybersecurity, and data science
- Prepares learners for high-paying and rewarding IT careers
- Contributes to economic growth through digital skills development



SIGN UP NOW

SIGN UP NOW AND SECURE YOUR PLACE

1. Register Online – www.zoneups.com
2. Select the training you prefer and the date you would like to attend.
3. Fill in the registration form.
4. Choose your payment method and finalize the booking.

Request a Quotation

Accreditation



*South African
Institute Of
Occupational Safety
And Health*



Services SETA



Fasset

Make the future count



ETDP-SETA



QCTO



010 085 0918



www.zoneups.com



405 Cliff Ave, Waterkloofridge, Pretoria