

# Git & GitHub Short Course

40 · R14,995

Git is the most essential tool in a developer's toolkit. This course covers everything from basic commits to advanced team workflows: branching strategies, pull requests, merge ...

**40**

Hours of Training

**R14,995**

Course Fee

**5 Days**

Full-Time Option

**JHB · CPT**

+ Online Nationwide

## COURSE CURRICULUM

### What You'll Learn

#### Git Installation & Configuration

Install Git, configure identity, understand the repository structure.

#### Branching & Merging

Create and switch branches, merge strategies and resolving conflicts.

#### Pull Requests & Code Review

Open PRs, request reviews, review code and merge via GitHub.

#### Tags & Releases

Semantic versioning, annotated tags and GitHub Releases.

#### Branching Strategies

Git Flow, GitHub Flow and trunk-based development for teams.

#### Core Git Workflow

init, add, commit, status, log, diff — the daily workflow.

#### Remote Repositories & GitHub

clone, remote, push, pull, fetch — syncing with GitHub.

#### Rebase & Interactive Rebase

Clean up commit history, squash commits and rebase onto main.

#### GitHub Actions — CI/CD

Write workflows to run tests, lint code and deploy automatically on push.

#### Open Source Collaboration

Fork, upstream, contributing guidelines and your first open-source PR.

