



LINUX TRAINING

Linux Developer Course

Master Linux system programming and development tools. Build robust applications and optimize performance on the Linux platform.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level Linux Developer Course, offered by Computer Pride, is meticulously designed to equip aspiring and existing developers with the essential command-line tools and system understanding necessary to thrive in a Linux-centric development environment. Over a focused two-hour session, you will delve into core Linux functionalities, learning to navigate the file system efficiently, manage processes, write basic shell scripts for automation, and effectively utilize package managers. This course focuses on practical, hands-on skills that bridge the gap between theoretical Linux knowledge and its direct application in software development workflows.

Mastering the Linux command line is an indispensable skill for modern developers, enabling greater control over their development environments, enhancing productivity, and facilitating seamless integration with version control systems and deployment pipelines. By completing this course, you will not only gain confidence in manipulating Linux systems but also acquire a foundational skill set that is highly valued across various tech roles, from backend development to DevOps, making you a more versatile and capable professional in the competitive IT landscape. You'll learn to troubleshoot common development environment issues and optimize your workflow for efficiency.

Duration	2 hours
Level	Intermediate
Vendor	Linux

COURSE CURRICULUM

01 Module 1: Linux Command Line Fundamentals for Developers

- Navigating the Linux File System (pwd, cd, ls, mkdir, rm, cp, mv)
- Understanding File Permissions and Ownership (chmod, chown)
- Essential Text Editing with Vim/Nano for configuration files
- Introduction to Linux Process Management (ps, top, kill)

02 Module 2: Shell Scripting and Automation Basics

- Writing Your First Bash Scripts (shebang, basic commands)
- Variables, Conditionals, and Loops in Bash
- Input/Output Redirection and Piping (>, >>, <, |)
- Automating common development tasks with simple scripts

03 Module 3: Package Management and Environment Setup

- Using Apt/Yum/Dnf for software installation and updates
- Managing software dependencies
- Environment Variables for Development
- Basic network utilities (ping, ip, ssh) for development connectivity

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

> **Entry-level Backend Software Developer**

- > **Junior DevOps Engineer**
- > **System Administrator with a Development Focus**

FREQUENTLY ASKED QUESTIONS

Q: What specific development challenges will this course help me overcome when working on Linux?

This course will equip you with the practical skills to efficiently navigate and manage your development environment, troubleshoot common issues related to file permissions or running processes, automate repetitive tasks with shell scripts, and effectively install and manage developer tools using package managers. You'll gain independence in setting up and maintaining your Linux-based development workstations.

Q: What are the prerequisites for enrolling in this 2-hour 'Intermediate Linux Developer Course'?

While this course is labeled 'Intermediate', it is designed for developers who have a foundational understanding of basic computing concepts and perhaps some prior exposure to a command-line interface, even if not specifically Linux. No extensive prior Linux experience is required, but a willingness to learn and engage with command-line tools is essential.

Q: How will the skills learned in this course directly enhance my employability for roles like Backend Developer or Junior DevOps?

The skills acquired in this course, such as efficient command-line navigation, shell scripting for automation, process management, and package management, are fundamental requirements for backend developers working on Linux servers and are core competencies for any Junior DevOps role. Demonstrating proficiency in these areas makes you a more attractive candidate, as you'll be able to hit the ground running in Linux-heavy development and deployment environments.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

Email

Phone

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

info@computer-pride.co.ke

+254 705 900 900

www.computer-pride.co.ke