

ANAS KAITHAKODEN

Python Expert

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SUMMARY

Aspiring Linux System Administrator with hands-on experience in Linux administration, networking, system troubleshooting, and automation. Strong knowledge of Linux commands, shell scripting, server management, and IT support. Passionate about system security, performance optimization, and open-source technologies.

Seeking a Linux Admin Internship to apply and expand my technical

EDUCATION

University of Calicut

Bachelor's Degree in Computer Applications (BCA)
2024 – 2028

TECHNICAL SKILLS

- Operating Systems: Linux (Ubuntu, Debian, CentOS), Windows
- Linux Administration: User & File Management, Process Management, Permissions
- Shell Scripting: Bash scripting for automation and task scheduling
- Networking: Basic network configuration, SSH, FTP, firewalls
- Server Management: Apache, MySQL
- Security & Monitoring: System logs, process monitoring, basic hardening
- Version Control: Git, GitHub

ADDITIONAL SKILLS

- Strong problem-solving and analytical skills
- Excellent communication and teamwork
- Quick learner and self-motivated

CERTIFICATIONS

- ✓ CS50x – Introduction to Computer Science (Harvard)
- ✓ CS50P – Programming with Python (Harvard)
- ✓ CS50 Cybersecurity (Harvard)
- ✓ Google IT Support Professional Certificate

EXPERIENCE

Freelance Developer & IT Support

1/1/2025 – Present

- Installed and configured Linux servers for small-scale projects.
- Managed user accounts, file permissions, and system processes.
- Automated repetitive tasks using Bash scripting.
- Assisted clients with Linux troubleshooting, package management, and networking issues.

PROJECTS

Web Scraping & Data Automation

◆ Automated Server Monitoring Script

- Developed a Bash script to monitor system performance (CPU, RAM, disk usage).
- Implemented email alerts for critical system metrics.

◆ Secure Linux Server Setup

- Configured SSH hardening, UFW firewall, and Fail2Ban to improve system security.
- Set up automatic backups and cron jobs for scheduled tasks.

◆ LAMP Stack Deployment

- Installed and configured Apache, MySQL, and PHP on a Linux server.
- Secured the setup with proper user permissions and firewall rules.