

# ATHIRA R

## Junior Network Administrator | Junior Linux System Administrator

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### Career Objective

Motivated entry-level IT professional with hands-on training in Linux system administration, networking, hardware support, and AWS cloud fundamentals. Certified-training in RHCSA, CCNA, CompTIA A+, Network+, and VMware. Seeking an opportunity to contribute to system reliability, network stability, and secure IT infrastructure operations.

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### Technical Skills

- Linux (RHEL): User & Group Management, File Permissions & ACL, LVM, Disk Management, Cron, Systemd, YUM
  - Bash Scripting :user management scripts, disk monitoring, service checks, basic automation
  - Networking: TCP/IP, OSI Model, Subnetting, DHCP, DNS, Static Routing (Basics), Network Troubleshooting
  - AWS Cloud: EC2, VPC, Subnets, Route Tables, Security Groups, Elastic IP, EBS, S3, IAM, RDS (Basics)
  - Virtualization: VMware Workstation, VirtualBox
  - Tools: SSH, vim, grep, top, journalctl, rsync, fdisk, tar
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### Training / Internship Experience

Network Administrator Intern | Linux System Intern | Synnefo Solutions – Kochi [May 2025 – January 2026]

- Administered RHEL servers with user, group, permission, and service management
  - Implemented LVM, disk partitioning, mount persistence
  - Automated tasks using Bash scripts for backups, monitoring, and user creation
  - Configured Apache and Nginx web servers with virtual hosts
  - Secured systems using firewalld and SSH hardening
  - Monitored system logs and performance metrics
  - Installed Linux and Windows OS on physical and virtual machines
  - Designed and simulated LAN/WAN networks using Cisco Packet Tracer
  - Configured routers and switches using Putty and CLI
  - Implemented VLANs, ACLs, DHCP, DNS, NAT, PAT
  - Configured routing protocols including OSPF
  - Practiced SSH and Telnet for remote device access
  - Troubleshoot STP issues, interface failures, and routing problems
  - Launched AWS EC2 instances with key-based authentication
  - Configured EBS, Elastic IPs, VPCs, IAM users, and S3 buckets
  - Performed basic RDS MySQL administration
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### Projects

Linux Automation Toolkit (Bash Scripting)

[github repo link](#)

Tech: Bash, Linux CLI, rsync, cron, grep, awk

- Built Bash scripts for data backup, system monitoring, and bulk file operations
  - Automated routine sysadmin tasks reducing manual maintenance effort
  - Integrated cron for scheduled backups and log rotation
  - Designed log and alert mechanism for resource thresholds
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### Certifications & Training

RHCSA – Training Completed | CCNA – Training Completed | CompTIA A+ & Network+ – Training Completed  
AWS Cloud Fundamentals – Training Completed

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### Education

**Diploma in Network Engineering** – Synnefo Solutions, Kochi (2026)

**B.Sc. Computer Science** – Calicut University, Kerala (2025)