

Darren Pierre

Network Engineer / Linux Systems

Philadelphia, PA - Email me on Indeed: [indeed.com/r/Darren-Pierre/3bf288b7ca13f23b](https://www.indeed.com/r/Darren-Pierre/3bf288b7ca13f23b)

Focused and detailed-oriented Software Engineer offering exceptional troubleshooting skills and a talent for developing innovative solutions to unusual and difficult problems. Network Administrator experienced in Server Management; Systems Analysis; and Database Design.

Willing to relocate: Anywhere

WORK EXPERIENCE

Network Engineer / Linux Systems

Cisco Network Academy - Philadelphia, PA - May 2015 to August 2015

Build; Configure; Develop; Download; Implement; Test; Verify; and Install Thousands of different Software Packages within many different distributions of the Linux OS. By utilizing the command-line interface terminal and the Super User password you can incorporate many different scripting languages in order to modify Thousands of Software Packages; using several compilers with YUM or Yellowdog Updater Modifier being one of them.

Network Engineer (Consultant)

AES Clean Technology - Buckingham, PA - October 2001 to January 2015

- Installed, configured & maintained 3Com, Cisco, & other vendor switches to HP, Dell, & IBM servers.
- Configuration of firewalls connected through VPN
- Knowledge of general networking infrastructures including checkpoint firewall, VPN network security, VPN, firewall, digital CCTV and card access
- Utilized RIP, BGP, EIGRP, and OSPF to setup Cisco Apparatus 3950 and also provided configuration to the Voice Gateways.
- Experienced in WAN, LAN, digital CCTV, and card access design, installation, and administration; and small to medium sized project management tasks
- Utilized a secured socket layer to implement the Cisco VoIP analysis in order to set the parameter of VOIP and utilized the WAN Concept and LAN Concept to find the right protocol.
- Knowledge of Cisco, Avaya, Extreme, HP and IBM networking equipment
- Configure and maintain LAN systems using Cisco 6500, 4500, 3750, and 2950 series switches.
- Utilized 802.11A and used this for modulating data using radio carrier signal and just to make sure that this was a proper frequency and used 2.4GHZ frequency range up to 5GHZ
- Assisted in the maintenance VPN connections using Cisco ASA 5505 and Pix 506 firewalls.
- Configure and maintain WAN systems using Cisco 1760, 2800, 2900, 3800 and 3900 series routers.
- Assisted in minor management of Active Directory
- Utilized VMware ESX configured and installed it properly to implement Cisco, Microsoft Server 2008, Linux, MySQL builds, designs, throughout the entire Network Infrastructure.
- Developed automated scripts, templates, and interfaces to facilitate continuous improvement of applications.
- Performed testing; debugging; and documentation for new and existing systems.
- Resolved troubleshooting problems and issues relating to system infrastructure with logical actions.
- Installation, maintenance, administration, and monitoring of RedHat Enterprise Linux Systems.
- Create and manage user's accounts within small environments; as well as large server environments.
- Modifying/Writing scripts in Bash for optimizing day to day administration.
- Applied appropriate support packages/patches to maintain system integrity and system firmware.

- Performed automated installation of Operating System using Kickstart for RHEL.
- Verified the integrity and availability of all hardware and server resources, including system and application logs, package management, and volume management of servers.
- Exceptional knowledge about dealing with F5 BigIP Load Balancing, handling the Checkpoint Firewall, SolarWinds, Wireshark, and Nagios.

Engineer/Network Support Linux Systems Specialist

AES Clean Technology - Mount Laurel, NJ - December 2008 to April 2009

- Install, manage, and maintain Cisco network equipment for corporate campus and remote branch offices.
- Work with service providers to manage WAN links and connectivity between offices.
- Maintained AD, DNS, DHCP, & SUS servers at campus data center and branch offices.
- Implemented new Microsoft RRAS server for client VPN with ASA firewall.
- Designed and installed off site backup solution for mobile workforce of clientele.
- Configured VOIP solutions for client with HQ/branch office.
- Secured Cisco routers, switches, and firewalls for new clientele.
- Migrated data center from head quarters to private datacenter and research facilities as project lead.
- Utilized VMware to setup and configure RedHat Enterprise Linux Server, Virtual Machines used different scripting languages to build Kernel and format several unique packages on command-line interface terminal.

System Administrator

AES Clean Technology - Horsham, PA - August 2004 to May 2005

- Performed computer, server and network equipment repairs
- Assisted in the administration of Windows 2003 server
- Performed computer repairs
- Installed and configured E-Mail server using POP3 and IMAP access.
- Installed Squirrel mail for Web-based email access
- Reconfigured Outlook XP, Outlook 2003, and Outlook 2007 beta 3
- Created scripts that backed up a Linux server to a Windows 2003 Server and administration menu
- Performed documentation on networking systems and all installs
- Created weekly status reports of projects, repairs completed, issues outstanding
- Maintain and update networking equipment

EDUCATION

Associates in Information Technology

ITT Technical Institute - Philadelphia, PA

ADDITIONAL INFORMATION

Summary of Skills

- Interface design and implementation
- Open Source Utilities (AIX&SANS)
- VMware Experience
- Cisco Routers 2900 build using RIP, BGP, EIGRP, and OSPF Config.

- Microsoft Tools (Windows Server 2003, 2008, Exchange Server Components)
- Active Directory
- MySQL
- Linux Internals (YUM Config Build)
- Linux Kernel Build
- Systems Designs & Knowledge of WIFI
- Network configuration and Build Support
- Development environment software
- DHCP/DNS Ethernet and Firewall proficient
- Make Files
- Visual Basics {Proficient in C / C++ Languages}
- RedHat Enterprise Linux/Oracle & Secret Government Clearance
- Monitoring and Troubleshooting Experience
- Knowledge of DOCSIS and its standards