

Curriculum Vitae

Name: **Pavaloiu N. Radu-Decebal**

Birth Place and Date: Calarași (Romania), November 12th , 1971

Nationality: Romanian

Civil Status: Married, 1 child

Military Service 1997

Profession: Engineer, **Bootcamp Instructor**

Education: 1999 –2000 Advanced Studies in “System Modeling and Simulation”, Department of Engineering Sciences, University “POLITEHNICA” of Bucharest (UPB), (the sixth year of studies – in computer science)
1990-1995 Mechanical Engineer, specialized in Automotives, Faculty of Transports, UPB, graduation mark 8.81
1986-1990 High school “Nicolae Balcescu”, Calarași, graduation mark 9.20

Fields of Interest: TCP/IP, Networking, Communications, Operating Systems, Open Systems

Work Experience: 1995-1996 Computer Engineer at TehnoM SA
1996-1997 Design Engineer at ROCAR SA
1998-January 1999 Hardware Engineer, Local Area Network (LAN) Administrator at World Phone Romania (40 computers – Windows NT, Windows 95 and ArtiSoft Lantastic)
January 1999 - July 1999 Internet Administrator on the leased line to PCNet.
July 1999 – April 2000 Internet Service Provider Administrator, with over 200 dial-up clients and 10 leased lines.
April 2000 – January 2001 - Internet Service Provider Administrator at SoftNet
January 2001 – June 2001 - Networking Consultant at SAP Romania
June 2001 – May 2002 – Senior Network Administrator at AccessNet International
May 2002 – May 2005 – Senior Technical Support Engineer at Vodafone Romania (ISP Services)
May 2005 – March 2006 - Technical Support Manager at Dynamic Networks (Juniper Networks Elite Partner)
March 2006 – June 2006 – Head of Internet Department at Radiocom
June 2006 – June 2007 – Routing & Switching Consultant at DataNet Systems (Cisco Gold Partner)
June 2007 – June 2008 – Team Leader of Service Provider Department at DataNet Systems (Cisco Gold Partner)

June 2008 – July 2009 – TAC Engineer at Redback Networks an Ericsson Company
Responsibilities:
- Support customer and service partner representatives in debugging and solving complex networking issues.
- Reproduce customer problems to minimize problem impact.
- Document customer problem, proposed actions and solution.
- Be focal point in Customer Service for one or more Key Accounts from Redback Networks.
- Organize periodic case reviews with these Key Accounts.
- If necessary, go on-site with Key Accounts or other customers to solve critical issues

July 2009 – present – Senior IP Solution Architect at Ericsson Romania
Responsibilities:
- Understanding the customer requirements and deliver cost-effective, IP network designs into Operations.
- Implement solutions that meet the customer’s requirements with regards to availability and reliability.
– Maintain an awareness of market trends and vendor roadmaps to enhance the customer’s network strategy.
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2010 – present Bootcamp Instructor for Heinz Ulm Internetworking

Networking and
Computer Skills:

1996 – 1999 Member at the National Center for Training in Computer Networks
September 1998 – P501 Certificate “Windows NT Administrator” – from CPI (Computer Science Training Center)
February 03 1999 **Microsoft Certified Professional** title, due to the achievement of:
November 27, 1998 Certificate 70-058 – Networking Essentials
February 03, 1999 Certificate 70-064 – Implementing and Supporting Windows®95
September 24, 1999 **Microsoft Certified Professional + Internet and Microsoft Certified Professional Systems Engineer** titles, due to the achievement of:
June 25, 1999 Certificate 70-073 - Implementing and Supporting WindowsNT® Workstation 4
April 09, 1999 Certificate 70-067 - Implementing and Supporting WindowsNT® Server 4
July 28, 1999 Certificate 70-068 - Implementing and Supporting WindowsNT® Server 4 in the Enterprise
August 20, 1999 Certificate 70-059 – Internetworking with Microsoft® TCP/IP on Microsoft® WindowsNT® 4.0
September 24, 1999 Certificate 70-087 - Implementing and Supporting Microsoft® Internet Information Server 4.0

July 5, 2000 – **Cisco Certified Network Associate** (CCNA 1.0 exam)
May 10, 2001 – **Cisco Certified Design Associate** (DCN exam)
August 5, 2002 – **Cisco Certified Network Professional**
October 4, 2002 - **Cisco Certified Design Professional**
March 7, 2003 – **Passed CCIE Routing and Switching Qualification Exam**
April 22 2005 – **Passed CCIE Routing and Switching Lab** (CCIE #14582)



July 1 2005 – **Juniper Networks Certified Internet Associate** (JNCIA-M)
July 22 2005 - **Juniper Networks Certified Internet Specialist** (JNCIS-M)
June 23 2006 - **Passed CCIE Service Provider (350-027) Qualification Exam**
May 16 2007 - **Cisco Certified System Instructor CCSI #31531**
July 20 2007 - **Cisco Certified Internetwork Professional**
March 2008 - **Passed CCDE (352-001) Qualification Exam**
April 14 2008 - **Passed CCIE Service Provider Lab** (CCIE #14582)



June 2000 – Motorola Vanguard (Voice over Frame Relay and VoIP) Course
July 2001 – Breezecom Design and Implementation Course
October 2002 – Passport Carrier Operations & Maintenance
October 2002 – Passport Carrier ATM
November 2002 – Passport Carrier IP & MPLS
December 2002 – Passport Carrier Frame Relay
April 2003 – Juniper Networks MPLS workshop
May 2003 – Passport Carrier Network Engineering
May 2003 – ATM AirStar Technical Training Program
March 2004 - Cisco Powered Network Operations Symposium – San Jose
March 2004 – Sigtran (SS7 over IP) – Cisco Course
April 2004 – UMTS System Overview – Wray Castle Course
October 2005 – Advanced Juniper Networks Routing Course
November 2006 – Introduction to Cisco IOS XR

TekMetrics (<http://www.brainbench.com>) - Transcript 40976 – tests fulfilled:

Windows95 Administrator
Windows98 Administrator
WindowsNT Workstation Administrator
WindowsNT Server Administrator
Linux Administrator
Unix Administrator
Internet Security Specialist
Master Cisco Networks Support
Master Cisco Networks Design
Master Cisco Networks Implementation
Master TCP/IP Administrator
Master Network Support

Foreign Languages: English

Hobbies Science Fiction, Basketball

SUMMARY / AREAS OF EXPERTISE

10 years of extensive work experience as Network Engineer primarily in the field of Networking and Hardware Solutions backed by Certifications and industry experience in Unix, NT administration, Cisco switching and routing, Juniper products, Redback products.

8 year of IP/MPLS design expertise (AccessNet, SNR, Cosmote (NGN (Ericsson MPBN/MPLS) design and implementation), Romtelecom (Resiliency/NGN) projects, Orange Romania)

I'm teaching Cisco MPLS Official Courses and SP Bootcamps at Heinz Ulm Internetworking

SYSTEMS ADMINISTRATION EXPERIENCE

- Operating System :
 - UNIX : OpenBSD , Solaris 2.6-8 Sparc, NeXTSTEP, AIX, HP/UX.
 - CISCO IOS 10.x and higher, JUNOS, SEOS
 - *DOS (MS, OPEN, DR) - Microsoft Windows NT 4.0 (Server, Terminal Server) - 2000 (AS)

- UNIX :
 - Server Administration & Maintenance - Hardware / Software
 - Configuration of file, directory, TCP/IP services on Solaris - NFS, NIS, NIS+, DNS, DHCP and Automounter.
 - Setting up DNS, Web, Mail, Remote Access, FTP, Proxy, Cache Servers, Complex UNIX Mail Systems, Sendmail v8, POP3, UUCP, SIMS, IMAP, LDAP Servers.
 - Unix tools and scripting - (Perl, sh, Bash, sed, awk...)

- Network
 - Network Layer :
 - Ethernet (802.3)
 - ISM Band (802.11)
 - TokenRing (802.5)
 - misc WAN (ATM (PNNI routing), Frame Relay, X.25, HDLC)
 - Protocol :
 - IP (extensive knowledge)
 - IPv4, IPv6
 - Dynamic routing : RIP, OSPF, BGP, EIGRP, IS-IS
 - Fail-over : VRRP, HSRP, GLBP
 - Multicast : PIM-DM, PIM-SM, MSDP

- IPX : routing and basic knowledge of IPX
- Appletalk : routing
- Tunnel mode protocol : IPSec, GRE, L2TP, PPTP
- MPLS L2/2.5/3 VPN and MPLS TE (extensive working knowledge)
- Transport :
 - TCP (extensive knowledge)
 - TCP Services (HTTP/1.x , POP3, IMAP, DNS, SMTP...)
- TCP services software :
 - SMTP Server (Sendmail 8.9.x, Postfix and knowledge of Microsoft Exchange)
 - HTTP Server (Apache (1.3 and 2.0), IIS)
 - POP3/IMAP Server - (Cyrus IMAP)
 - Proxy Server (Squid, Netscape/Iplanet proxy server)
- Product :
 - Cisco products (IOS based and Catalyst OS based) configuration, management and troubleshooting.
 - ATM products (Nortel Passport ATM switches)
 - Switching products (Catalyst, Cisco, 3Com, ...) configuration, management and troubleshooting.
 - Allied Telesyn products.
 - Breezecom (Alvarion) products.
 - Juniper Networks (J and M/T series routers)
 - Redback Networks (Smartedge routers)
- Security :
 - Network Security :
 - In-depth knowledge of network security
 - Firewall (packet filtering and stateful inspection)
 - Netscreen (ScreenOS configuration, management and troubleshooting)
 - Cisco IP Firewall feature Pack (IOS) configuration, management and troubleshooting.
 - IP Filter : *BSD - ipf : FreeBSD - pf : OpenBSD
 - IP Chains / nettables : Linux
 - Basic knowledge of Raptor firewalls (NT and Solaris).
 - NIDS (Network Intrusion Detection System)
 - In-depth knowledge of NIDS functionality and issues.
 - Snort 1.7 and 1.8 configuration management and troubleshooting.
 - ISS Realsecure configuration, management and troubleshooting.
 - Operating System Security :
 - LIDS (Local Intrusion Detection System) - Tripwire
 - Mandatory Access Control - Basic knowledge of TrustedBSD and Trusted Solaris
- Network Management :
 - Protocol - SNMP, SNMPv2c, SNMPv3 & RMON
 - SNMPc
 - Cisco-Works (and some knowledge of HP/OpenView)
 - Scotty Management tools (TNM)
 - MRTG, Perl SNMP Tools and RRD tool