



## **Dobrica Pavlinusic's Curriculum Vitae**

Dobrica Pavlinusic [dpavlin@rot13.org](mailto:dpavlin@rot13.org)

# Curriculum Vitae

## Dobrica Pavlinusic

Born on 8<sup>th</sup> of January 1974.

Home address: Vrbaniceva 2, 10000 Zagreb, Croatia

e-mail: <dpavlin@rot13.org>

Home page: <http://www.rot13.org/~dpavlin/>

Blog: <http://blog.rot13.org/>

Citizenship: Croatian

Foreign languages: English

Drivers licence: B category (*personal cars*)

## Career objectives

I'm looking for a job in IT company in field of Unix and network administration, security and Internet technologies integrator somewhere in English speaking territories.

## Previous education

- 2003 completed RHCE certification for Red Hat Certified Engineer (certificate number 809003003508206)
- 1997- attending postgraduate study of Information Science on Faculty of Organization and Informatics in Varazdin, specializing in field of multimedia, completed four semesters with excellent results
- 1992-1997 Faculty of Organization and Informatics, Varazdin  
Bachelor of Science, Information Systems with topic Unix Internet server maintenance
- 1988-1992 High school "Nikola Tesla", Zagreb

## Academic and other awards

- 2005. HrOpen Open IT award for promoting Free and Open Source software
- Dec 2002. PLIVA's award for E-commerce pilot project between PLIVA and Medika
- Dec 2001. PLIVA's award for portals [www.plivazdravlje.hr](http://www.plivazdravlje.hr) and [www.plivamed.net](http://www.plivamed.net)
- 1995/96 University of Zagreb grant for this year
- 1994/95 University of Zagreb Rector's award for paper in field of expert systems

## Fields of Interest

- System administration of Unix servers
- Security of Networks and Unix servers
- Supporting of GNU Free software
- Porting between various OS
- Computer networks based on TCP/IP protocol
- Multimedia supported systems for visualization
- Integration of full-text search engines and RDBMS to handle semi-structured data to enable knowledge management

## Work experience

Aug 2013	Monitoring room temperature using Arduino	
Feb 2012	Printing from Koha to Zebra printers on local Windows machine Jun 2011	SAML2 expirience: implementing SP with perl website
Mar 2011	Scalable applications with Gearman	
Jan 2011	Mifare Application Directory - what is stored on RFID card in your wallet?	
Oct 2010	Z39.50 server which scrapes web catalogues for information	
Aug 2010	Biblio::RFID - write RFID applications in perl and EVOLIS Dualys pixel exact printing without cups	
Apr 2010	MojoFacets web application for faceted browsing and data editing with perl query language	
Feb 2010	bak-git, set of tools for easy configuration management with minimal deployment footprint	
Dec 2009	HTML5TV archive of video meterial with tools to produce synchronized video and presentation on the web	
Oct 2009	Sack - sharding memory hash in perl to tickle problem of executing perl code on datasets bigger than single node	
Jul 2008	PXElator perl implementation of netboot protocols and tools for management of network segment	
Mar 2009	Virtual LDAP rewrite or augment data on the fly between LDAP server and application	
Oct 2008	3M 810 RFID reader support to enable RFID applications	
Apr 2008	Organizator of First Croatia Perl Workshop - one-day mini-conference about perl	
Mar 2008-	Installation and setup of Koha Library System for Faculty of Humanities and Social Sciences Library	
Nov 2007	Implemented TR-069 ACS server in perl for ADSL router management	

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- Oct 2006 Implementation of Strix as CARNet's CMS for primary and secondary schools
- June 2005 Implemented pgestraier function for PostgreSQL to enable integration between Hyper Estraier full-text search engine and RDBMS
- Mar 2005 Manager for implementation and deployment of Strix for Croatian Academic and Research Network intranet
- Oct 2004 Implemented Fuse::DBI perl module which allows users to mount RDBMS tables as file-system and use file-system tools to edit content in database directly.
- May 2003- System architect for Strix *Knowledge Management* portal, based on Open Source technologies (Linux, Apache, PostgreSQL, PHP, perl), leading small group of developers through design, implementation and deployment.
- Nov 2002 Implementation of E-commerce pilot project between PLIVA and Medika (using perl scripting to connect legacy Medika's ERP system and SAP R/3 in PLIVA)
- Oct 2002 Presented paper Building WebPAC for Faculty of Philosophy Libraries about successful implementation of WebPAC at CUC 2002.
- Oct 2001 Presented How to create an Internet Community? on CUC 2001.
- Apr 2001 Presented two topics at DORS 2001/CLUC 1/3 conference: SourceForge development model and How to save \$50,000 by portal development
- Apr 2001 Consulting to FER web team about implementation of portal at Faculty of Electronical Engineering and Computing
- Mar 2001 Finished development of PLIVA d.d. corporate pages based on php and template engine (with WAP support)
- Dec 2000 Participated in KOM 2000 with paper about development of Document Manager.
- Sep 2000 Participated is invited speaker on CARNet User Conference 2000 on topic of "Intellectual property rights on the Web", moderated by Petar Pale
- May 2000 Organization and participation in second Croatian Linux User Conference
- Mar 2000 Paper Security Policy Implementation within Distributed Organizations Confidential Data Transfer" at CIS 2000
- Jan 2000- Employed at PLIVA d.d. Informatika as system administrator for intranet and Internet
- Oct 1999 Paper Integration of databases and World Wide Web based on Open Source technologies on IIS '99.
- Jul 1999 Chairman of round table about Open Source and GPL licence
- Apr 1999

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Organization and participation in first Croatian Linux User Conference

- Dec 1998 Held a lecture on Porting from Unix to Windows NT
- Apr 1998 Held a workshop about Firewalls at DORS (Days of Open Systems at Faculty of Electrical Engineering and Computer Science, Zagreb)
- Feb 1998-Jan 2000 Employed at Faculty of Organization and Informatics as a member of project: Evaluation of Information content vulnerability funded by Croatian Ministry of Education
- 1998 Installation and setup of small Linux based webcam server Design and implementation of RFC search engine based on RDBMS, connecting of Microsoft SQL server with Linux WEB front-end
- 1997 Installing of custom made support for dial-in based on radius Design of pages for Croatian Linux User Group
- 1995 Installation and administering of firewall machine for our LAN Solving of all networks related needs and problems since then.
- 1995-2000 Working as a system administrator of Unix and Internet servers at Faculty of Organization and Informatics Administering of various servers including gopher, ftp, mail, mail lists and various statistical representations
- 1991-1995 Working at local television station OTV, on various posts Written crawl program in Motorola 68000 assembler for OTV.
- 1989 Began programming in Motorola 68000 assembler on Amiga
- 1988 Programming in basic, logo and 6510 assembler on C64.

## Programming languages

- C experience based on few small network projects
- perl writing of various scripts for administrative and web purposes
- pascal project of visualization in field of bridge constructions
- sh various tools written using Unix shells
- php implementation of various web-based projects
- java making of small web applets
- JavaScript validation of entered data, dynamic forms

## Operating systems knowledge

- OS/400 four months of experience administrating AS/400 system including backup, printer setup and connecting of personal computers
- Amiga obsolete really
- Unix Digital UNIX (formerly OSF/1) since 1995 and Linux since 1994.
- MSDOS I know my way around
- Windows use of office tools and programming

## **Social relations**

I have rich experience in working in teams from two to ten people on various projects including design and implementation of information systems during my university education and later during implementation of Strix knowledge management portal where I served as system architect for implementation and deployment.

## **Position of Responsibility**

- Former vice president of HULK - Croatian Linux User Group from 1997 to 2001. Member of executive committee from 2001.
- CARNet - Croatian Academic and Research network system administrator at two institutions
- Member of executive committee of HrOpen - Croatian Open Systems Users Forum

## **Personal interests**

I really like going to theatre (classic and modern) movies, especially alternative ones (I suppose that it's an old habit from my television days) and comics. I also like long walk in the nature as well as sleeping long. Reading of books (fiction, popular and science) also takes a lot of my time.

I support free and open source software, and have contributed to various projects on the net. I prefer to work in teams.

Travelling and visiting interesting places is my favorite form of holiday.