

Roiban Mircea Adrian

Personal Information

Date of Birth 4 August 1983
Marital Status single
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Objective

Pursuing a career in IT industry, with a focus on free/libre/open source software for unix, legacy systems, embedded systems and computer networks.

Education

April 2008 Linux Professional Institute Certification Level 1
LPI ID: LPI000087423 , Verification Code: exshq3rzhl

Oct 2002 - July 2007 Faculty of Automation and Computer Science
Computer Science Dept
Technical University of Cluj-Napoca

Mar 2005 - Mar 2006 Cisco System Network Academy - Cluj-Napoca
Preparing for Cisco Certified Network Associate

Sep 1998 - Jun 2002 Liceul Teoretic "Mircea Eliade" Sighiosara, Romania
Informatics Section

Work experience

Apr 2007 - present i18n/l10n Coordinator, Romanian Local Team Lead - Ubuntu

- starting the Romanian local team and implementing local resources (website, mailing list, forum, wiki)
- coordinating the Romanian local activities (support, documentation, translations)
- coordinating and provide support for the international translators community document the translation process for software included in Ubuntu Operating System
- improve internationalization support for software included in Ubuntu

Jan 2007 - Jan 2009 Software Developer/Team/Project Leader - Fortech S.R.L.

Leading a small team (4-5 persons) in C Unix, Java programming and web developers on porting different free software secure file transfer applications. We target almost all Unix and Unix-like operating systems (mainframe os390/zOS, midrange os400/i5OS, openVMS, HP-UX, OS X). Applications are ported especially from GNU/Linux and among them we have putty, openSSH, vsftpd, regina, curl, bash and other GNU tools.

I have developed reference implementation of secure data transfer solutions for various operating system (Windows, Linux, HPUX, Solaris, AIX,

OpenVMS, True64, NonStop, OS400, i5OS, os390, Z/OS).

I was in close contact with all our customers gathering requirements and feedback.

The solution implies a web management interface in 2 versions. One written in Java and another in PHP. It also implements audits, chroots and virtual users for protecting server's local users and data.

Also my responsibility was to assist and guide customers migrating to secure file transfer protocols (FTPS / SFTP) and help them applying IT security best practices in their legacy systems

Mar 2006 - Jun 2007 System Engineer for MosiGRID project

- installing, maintaining and supervising grid nodes
- developing grid middleware
- coordinating system software with partner sites
- helping students at their diploma project
- planing and implementing the approval of MosiGRID Cluj site in the international SeeGrid infrastructure

Mar 2006 - Feb 2007 Project Coordinator for Eduroam Romania

- starting the Eduroam project in Romania
- maintaining Romanian top-level servers
- implementing a secure infrastructure for transporting users credential from the wireless access points to their home radius servers using WPA-and tunneled TLS.
- Configure switches for supporting 802.1X and integrate them into Eduroam
- maintaining relations with international EduRoam project and other national Eduroam projects
- helping other academic and educational institutions join EduRoam
- promoting Eduroam at different academic and educational event in Romania

Mar 2005 - Jan 2007 Network Engineer at the Communications Center of the Technical University of Cluj-Napoca.

- coordinating work of other 4 technicians
- developing a central identity system
- developing a service backup infrastructure for DNS, HTTP Proxy, email and web servers
- developing a data backup infrastructure for web servers and email server
- developing groupware software for employees of the University
- developing an e-mail and mailing list system for the students of the University
- maintaining the web/FTP/proxy/DNS/Radius server of the University
- maintaining the data and service backup system
- providing technical assistance and guidance to the employees of the Technical University
- organizing summer workshops for student on subjects regarding Unix systems, wireless networking, network and data security
- designing, planing and implementing the network expansion

Dec 2005 - Jan 2007 Network Engineer at the RoEduNet - Cluj Branch
Network Operational Center

- maintaining and supervising our main line with Bucharest NOC and backup lines to Targu Mures NOC and Timisoara NOC
- maintaining and supervising leased lines to our 6 Point Of Presence located in the near counties
- maintaining and supervising tunnels to more than 40 education institutions connected to Cluj NOC.
- monitoring network activity and detect hijacked computers used for sending spam or hosting phishing websites (ex. Fake PayPal or other e-banking services)
- providing technical assistance to our clients and help them apply security best practices
- installing, maintaining and supervising network equipment (routers, switches and servers)

Published Work

Sandor Rozsa, Roiban Mircea Adrian, Emil Cebuc, Zoltan Majo
Wireless Network at TUCN - Case study, 6-th RoEduNet IEEE
International Conference, 2007

Emil-Ioan Cebuc, Cristian Klein-Halmaghi, Roiban Mircea Adrian
IPv6 Multicast Implementation, 5-th RoEduNet IEEE International
Conference, 2006

Roiban Mircea Adrian, Zoltán MAJÓ, Cristian KLEIN
Old Problems - New Solutions ,Fine Grain Access Policy to Computer
Networks,
The 31st TDK - Students Scientific Conference Budapest, 2006

Cristian KLEIN, Zoltán MAJÓ, Roiban Mircea Adrian
Real-Time access to shared public resources
The 31st TDK - Students Scientific Conference Budapest, 2006

Affiliation

Member of Ubuntu, Free Software Foundation, HP User Society, O'Reilly
Users Group, GNOME Romania,

Founder and Member of Romanian Free Software Group
Coordinator of Ubuntu Romanian Translation Team Projects
Contact for Romanian Ubuntu local team

Programming

C (UNIX programming, BSD sockets, MPI, Glib, GTK+, Dbus), Vala

Perl (UNIX programming, GTK+, CGI, mod_perl)

Bash, Awk, Sed (used in embedded devices where Perl is missing)

Gettext - i18n/l10n (C, Shell, Python, C#, Java)

C# (Mono)

Scrathbox - cross-compiling toolkit , uClibc

Prolog, Parlog

Java (console applications, GWT)

LDAP (unix tools and java bindings), RRD (Round Robin Database tools)

MySQL, MSSql, Oracle (fundamental relational database knowledge)

RCS, CVS, Subversion, Bazaar, Git

Networking

Ethernet(IEEE 802.3), WiFi(IEEE 802.11 {a,b,g},WEP)
TCP/IP, IEEE 802.1X - Port Based Authentication, IEEE 802.11i
SNMP, EAP, AAA Protocols (Radius, Tacacs+), Cisco CatOS, Cisco IOS

Computer security

Linux Packet Filter - iptables, Linux GRSec kernel patch set
Hardening Apache+PHP web server
Creating virtual server using chroots, jails and virtual server
Using Xen domain and Solaris containers
IPSec, L2TP and PPTP tunnels
Network traffic auditing - Snort and Cisco Netflow
WPA2 Enterprise mode - Radius, DNS Sec

Operating systems

GNU/Linux, BSD, AIX, HP-UX, SunOS - Solaris, OpenWRT, Internet
Tablet OS (Maemo) , Apple OS X, OS400, iOS, OS360, OS390, zOS,
OpenVMS, HP/Tandem NonStop

Languages

Romanian (mother tongue)
English (fluid listening, speaking and writing, - 12 years of practice)
Spanish (medium listening, basic speaking, poor writing)
Italian (medium listening and basic speaking, poor writing)
German (basic listening and poor speaking, poor writing)
French (basic listening and poor speaking, poor writing)

Hobbies

Portable devices, free software communities, motorcycles, playing guitar,
foreign languages and civilizations.

Driving license

Class A and B driving license since 2002

Attended conferences with participation

LinuxTag 2005, 22-25 June 2005, Karlsruhe, Germany
5th RoEduNet Conference, 1-3 June 2006, Sibiu, Romania
The 31st TDK - Students Scientific Conference, 23 October 2006,
Budapest, Hungary
IT Zone, 6 December 2006, Sibiu, Romania
Fosdem 2007, 24-25 February 2007, Bruxelles, Belgium
Fosdem 2008, 23-24 February 2008, Bruxelles, Belgium
Ubuntu Developers Summit Jaunty, 8-14 December 2008, Mountain View
(GooglePlex), California, USA
Fosdem 2009, 7-8 February 2009, Bruxelles, Belgium
Ubuntu Developers Summit Karmic, 25-29 May 2009, Barcelona, Spain
Linux and Virtual Learning Media, 24-29 August 2009

Further references are available upon request.

Sighișoara, Romania, the 15rd of September 2009