

Ionut Adrian Ciolan

SYSTEM ADMINISTRATOR · DEVOPS

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Education

„Titu Maiorescu” University

MASTER STUDIES IN CYBER SECURITY

Bucharest, Romania

In progress...

„Spiru Haret” University

BACHELOR'S DEGREE IN MUSIC PEDAGOGY

Bucharest, Romania

Jul. 2012

Skills

Comfortable Linux Distros	ArchLinux(personal usage), Debian (+derivatives), RedHat(+derivatives - on some extent)
Shells	Bash, Zsh, Fish
Scripting	Perl, Shell, JavaScript
Monitoring	Nagios, Monit, Zabbix
DevOps Tools	Docker, Git, .deb Packaging
Markup	Markdown, HTML, CSS, L A T E X
Virtualization	KVM, Citrix-Xen, VmWare, Proxmox
2D Graphics	Krita, Inkscape, Adobe Photoshop, Adobe Illustrator, Corel Draw
3D Graphics	Blender
CADesign	FreeCAD, KiCad
Spoken	Romanian, English

Experience

RnD Software Group

SYSTEM / NETWORK ADMINISTRATOR

Bucharest, Romania

Apr. 2021 - Present

- System Network Administration
 - The same kind of job as with mySMTP, only using maybe slightly different tools - Zabbix instead of Nagios / monit, mostly KVM / Proxmox for virtualization, but overall the same System Administrator job

mySMTP.dk

SYSTEM ADMINISTRATOR AND DEVELOPER

Bucharest, Romania

Apr. 2015 - May 2021

- System Administration and Troubleshooting
 - virtual machines building/deployment/management using Citrix XenServer / VmWare VSphere resources allocation based on user's needs
 - services configuration (virtualized linux): network / firewall setup, rotating IPs, dns, httpd, mysql, postfix, policyd, monit, nagios and custom built daemons and scripts, etc
 - perform routine/emergency maintenance of linux machines (install security patches, software deployments/upgrades/downgrades, (etc).
 - inhouse .deb packaging and apt repo server administration (setup the repo serve, sign packages using GPG, maintain the repo)
 - mailserver routing using buffer servers to facilitate sendings for vip clients, throttling and transport-based rotating ip setups
- Support
 - troubleshooting problems with linux services in use
 - receiving / resolving tickets and offer support on call/remote
- Development
 - automation scripts for managing local services (apache, postfix, cluebringer (policyd), mysql, dnsmasq) and syncing/updating machine's info and statistics with the dedicated platform's web app (dashboard), using Bash / Perl
 - web applications for the admin & user dashboard of the dedicated platform using Perl (cgi) and Shell scripting
 - smtp.dk shared website part of development including frontend development (using HTML / CSS / JavaScript for creating custom content/apps over Joomla Framework) as well as backend development (Perl modules for an - in house built - services spawner)
 - development of the smtp.dk shared website's user dashboard application using PHP / JavaScript

UTI GRUP

Bucharest, Romania

SOFTWARE IMPLEMENTATION AND SUPPORT SPECIALIST

Apr. 2014 - Jul. 2014

- Installing and maintaining software on UTI equipments for RATB (now STB - Bucharest Transport Company).
 - on site installation and configuring OS (Windows) and proprietary software for ticket offices equipment
 - on site hardware troubleshooting, maintenance and/or replacement for ticket offices equipment
 - remote support for ticket offices
 - NFC equipment installation, troubleshooting and repair
- troubleshooting - repairs including cabling, computer and network configuration for other UTI clients (ALPA - Lakes, Parks and Recreation Administration of Bucharest)

Self-employed

Bucharest, Romania

FREELANCER DURING STUDIES ON SPIRU HARET MUSIC UNIVERSITY AND 2 YEARS AFTER

Jan. 2010 - Apr. 2014

- Projects for personal usage and small businesses (real estate firms, computer shops, etc) including:
 - Linux desktop configurations (DE, WM installation / configuration) for clients wanting to migrate on linux but keep a traditional interface look to make the transition smoother
 - Linux server configurations (apache, postfix, bind, ftp, openvpn, firewall, sshd)
 - NAS configurations based on linux and/or embedded linux
 - Network setups (cabling, routers setup, switches installations)
 - Web Development
- DTP work for various small advertising firms (most relevant: Complete Image, Brasov)
 - graphics for: business cards, flyers, meshes /banners, logos, catalogs / brochures, posters, etc
- Music transcription for various projects including the "LearnToPlay" app (not available on AppStore anymore)

La Fantana

Bucharest, Romania

IT SUPPORT ADMINISTRATOR

Jun. 2008 - Sep. 2009

- System Administration for Windows server 2008
 - Domain Management
 - User Management
- System Administration for Windows workstation
 - users setup on client side (user deploy enrollment)
 - data backup, restore and recovery
- Computers and other office equipment repair and maintainance (printers, print servers, copy machines)
- VoIP equipment setup and maintenance for internal communication

Macsys-Conectix

Bucharest, Romania

NETWORK TEAM LEAD

Oct. 2005 - May. 2008

- Managing network infrastructure teams on projects for UPC (Astral Telecom)
 - Receiving project tasks from UPC
 - Organising tasks among the specialised teams
 - Managing the workflow for high efficiency
 - Quality control after each task was completed
 - Reporting back to UPC about both completed and in progress tasks
 - Analysing (system/technological) situations which exceed the competence of the team and forwarding the issues towards the relevant higher level departments
 - Managing working materials for the teams
 - Participating in meetings concerning the infrastructure expansion and our role in it
- Hands-on cabling and network configuration for UPC and own clients of Macsys-Conectix
 - Optical Fiber soldering, Cabling CATV, UTP
 - Client side network setup for different OSes (Windows, Linux, MacOS)
 - Server side network setup for Linux (DHCP, iptables)
 - Network Troubleshooting