

Ionut Adrian Ciolan

SYSTEM ADMINISTRATOR · DEVOPS

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Education

„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 - Present

- 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

SOFTWARE IMPLEMENTATION AND SUPPORT SPECIALIST

Bucharest, Romania

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