

Bogdan Merza

Career Objective

To create, administrate and optimise network resources in order to best support the needs of a dynamic company.

To research new technology, and implement it or recomand its implementation

Work Experience

2010 1and1 Internet Development

Bucuresti, Romania

- Full time job, as a technical senior engineer, responsible for monitoring Fasthosts Internet Ltd. UK server/network environment**
- Follow all IT procedures as laid down in documented manuals and assist with the compilation of any technical documentation, procedures and policies
- Ensure that system and data back-ups are performed and that they are easily retrievable as necessary.
- Respond / escalate "3rd line" operational issues

2009 1and1 Internet AG

Bucuresti, Romania

- Full time job, as a technical senior engineer, responsible for monitoring Fasthosts Internet Ltd. UK server/network environment**
- System administration of datacenter servers
- Provide technical feedback
- Asisting clients with services deployment (personal engineer)
- Use document cases for each incident and follow up case status
- Provide technical solutions at customer inquiries (i.e web, mail, sql, dns...) via internal or third party CRM (customer relationship management) provided by RightNow Technologies
- Work closely with development department at identified bugs

2007 august - 2008 december EDWARDS Romania

Bucuresti, Romania

- Full time job, responsible for system administration and server/network infrastructure support**
- System administration, security consulting and application design and implementation
- Keep abreast of technical market trends and moves with a view to their relevancy, making proposals where necessary
- Responsible for the purchasing of new equipment including reviewing best prices and liaison with suppliers.
- Helping define overall security strategy and procedure
- Provide technical feedback
- VOIP: Miscellaneous SIP configurations with Asterisk
- Multiple devices per SIP account (parallel forking)
- Build-up of company's content management system

2004 – 2005 Romania Data Systems

Ploiesti, Romania

- Job during which I work as a part of the Network Operation Center in Ploiesti Branch in the Technical Support Dept. Where i monitor system stability and performance**
- Job during i developed excellent verbal and written skills with outstanding customer service
- First line of contact for support
- Provide technical feedback

2004 S.C Kulak Net S.R.L

Ploiesti, Romania

- Summer Job during which I helped:**
- ✓ *Installing operating systems, network configuration*
- ✓ *Consulting the network user on solving existing system problems*
- ✓ *Designing, configuring and testing computer hardware, networking software and operating system software*
- ✓ *Maintaining and administering computer networks and related computing enviroments, including computer hardware, systems software, applications software, and all configurations*
- ✓ *Monitoring network performance in order to determine whether adjustments need to be made, and to establish where changes will need to be made in the future*
- ✓ *Maintaining logs related to network functions, as well as maintenance and repair records*

2004 DesignWEB Advertising

Ploiesti, Romania

- Colaboration in making a circutor interface + modem CDMA**

2003 Tele 7abc

Ploiesti, Romania

- Colaboration in helping developpe the new network programs**

2003 S.C Gallaxy

Ploiesti, Romania

- Temporary job during which I have created, administered, and developed a network that should fulfill the demands of an internet café in order to function at optimal parameters, main duties includes:**
- Telephone Infrastructure (PSTN(Analogue), ISDN (BRI), leased line)
- Leading a small technical team
- Management of the team
- Take ownership of the administration and support of systems and technical infrastructure
- New server builds / maintenance of existing
- Software installation deployments
- Hardware, network and application configuration
- Service pack upgrades and software upgrades
- Manage storage area network
- Security protection
- Housekeeping / general maintenance
- Server/network administration

2000 Sinvex MultiService, Fire and Security Systems

Ploiesti, Romania

Summer Job during which I accompanied and helped installing:

Security Alarm Systems for industrial buildings, residence apartments and villas, and automobiles

**PC
Experience**

Operating System

- Windows operating system
- Linux / Unix / Solaris

Programming

- Basic
- C / C++ /GCC
- Verilog
- HTML
- CMS
- Assambler (tasm, AVRstudio...)
- PHP / MySQL
- Flash
- Java (Eclipse, NetBeans, J2ME Wireless Toolkit),
- Java API: Java Real-Time, Java Printing, Java New I/O, J2ME MIDP 1.0/2.0, JDBC 3.0, EJB 2.0
- Programming/scripting ability (bourne, bash, awk, PowerShell, VBScript)

Network

- Installing, configuring and administrating Apache/PHP/MySql – IIS/ASP/MSSQL
- Config. PROXY server / Config. FIREWALL / Bandwitch limmiter
- Solid knowledge of Iptables – Bash – routing (BGP) and routed (TCP, UDP, RTP) protocols - HTB
- Finding network vulnerability (and offering sollution)
- Troubleshooting bugs on the fly
- Information Security Audit
- Systems and Infrastructure management
- Protection of information assets
- Disaster Recovery

Database administration/mentenance

- Administer several databases running on separate servers
- Work with application development staff to develop database architectures, coding standards, and quality assurance policies and procedures
- Install and configure relevant network components to ensure database access as well as database consistency and integrity
- Design and implement redundant systems, policies, and procedures for disaster recovery and data archiving to ensure effective protection and integrity of data assets
- Monitor database system details within the database, including stored procedures, execution time, and implement efficiency improvements and evaluating the performance of SQL systems and make recommendations for improvements/upgrades
- Conduct research and make recommendations on SQL Server database products, services,

email "bmerza@gmail.com"

protocols, and standards in support of procurement and development efforts

Virtualization

- VirtualPC, VMware, Xen, OpenVZ, chroot, FreeBSD jail, Sun xVM VirtualBox

Hardware

- Making special interface by request (with or without LCD display) and build the specific software for it.

Graphics & animation and PCB

- Cadstar / Eagle
- Poser / 3D Studio Max / Solid Edge / Bryce
- Adobe Photoshop / ArcSoft Photo Impression
- Home Design / Visio
- Ulead iPhotoPlus / Ulead Video Studio
- Vegas Video / Win Producer / Adobe Aftereffects

Sound editing

- Cool Edit
- Sound Forge
- Adobe Audition

Mobile experience

Operating System

- Symbian

Programming

- Java
- C++
- IR
- Bluetooth (HCI, L2CAP, SDP, RFCOMM, TCS-BIN, WAP, OBEX, BNEP, HID)
- Wap

Track record of IT projects

- Expertise on Clustering with specific knowledge around DB
- Load Balancing, Reverse proxy setup, DMZ configuration on Linux servers
- Apache configuration for HTTP load balancing for Intranet and Internet connections
- production of module/systems (monitoring and management) automation (hardware custom) for
 - fleet vehicles;
 - vending machines;
 - heating/cooling systems;
 - mobile solutions for real-time devices;
 - residence surveillance (including dvr, broadcast...);
 - software for mobile equipment;
 - smart house

Education	2007 – 2009	Credis University, MSc	Bucuresti, Romania
	✓	Faculty: Security of information systems	
	✓	Specialising in: Systems Engineer (Sys. E)	
	✓	Dissertation: Real time embedded security solution for detecting and reporting intrusion	
	2001 – 2007	Petrol and Gas University,	Ploiesti, Romania
	✓	Faculty: Mechanical and Electrical Engineering	
	✓	Specialising in: Engineer in Computer Science (E.C.S)	
	✓	Licence thesis: Acquisition and monitoring data system on 2.4 GHz	
	Sept 1997 - July 2001	Spiru Haret High School ,	Ploiesti, Romania
	✓	Specialised in: Electronics and Automatics	
	✓	Awards: 1 st place per institution in Mathematics contest	
Courses taken	<ul style="list-style-type: none"> - 642-432 CVOICE – Cisco Voice Over IP - 640-802 CCNA – Cisco Certified Network Associate - Network Security - 2274 Managing a Microsoft Windows Server 2003 Environment - 2275 Maintaining a Microsoft Windows Server 2003 Environment - 2277 Implementing, Managing and Maintaining a Microsoft Windows Server 2003 Network Infrastructure 		
Ongoing courses	<ul style="list-style-type: none"> – CISSP (Certified Information Systems Security Professional) – CEH (Certified Ethical Hacker) 		
Skills	<ul style="list-style-type: none"> ✓ On all levels of business, superior communication, presentation, analytical and efficiently problem solving ✓ In-depth understanding of security and backup concept and procedures 		
Interests in	<ul style="list-style-type: none"> - symbian - microcontrolers - RF communications - bluetooth 		
Hobbies	Chess, beta-testing.		
References	Available upon request.		