

DANIEL NASTASE

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OBJECTIVE

A good cooperation with a company with high standards that enables my development and the possibility to use my skills to the company advantage.

EXPERIENCE

2011 TO ACTUAL	SOTAL	Russia
TECHNICAL DIRECTOR – CONSULTANT ROLE		
Technical project coordination		
Designing the upgrade strategy from actual Microsoft Mediaroom IPTV solution version SP3.2 CP3 towards Mediaroom 2.0 for Beeline operator in Russia		
Design and deploy a Mediaroom 2.1 test environment		
Designing the test protocol for the acceptance phase of the product		
End-to-End testing of the IPT environment		
STB testing and integration. STB client's customization and support		
Over-The-Top solution		
Build up technical solution proposals		
Over-The-Top, Google Widevine based solution integration with existing Mediaroom infrastructure		

2006 TO 2011	Alcatel Lucent	Romania
IPTV INTEGRATION EXPERT – PROJECT BASED		
	Roll-out Manager for Hellas OnLine	Greece, 2011
Designing the infrastructure for Mediaroom 2.0		
Coordinate team members, designate and follow tasks		
Project implementation		
	Technical Project Manager for Slovak Telecom	Slovakia, 2010
Microsoft Mediaroom product upgrade		
Create design documents and coordinate upgrade teams		
Upgrade servers infrastructure(350 servers)		
	Lead Engineer for YouSee	Denmark, 2009
Preparing the upgrade strategy of existing IPTV infrastructure		
In place upgrade of the Microsoft Mediaroom system		
Designing the test strategy for the acceptance phase of the project		
	Senior Software Engineer for Slovak Telecom	Slovakia, 2009

Creating the security design documents for the IPTV infrastructure

Hardening of the platform

Lead Engineer for SingTel

Singapore, 2008

Preparing the upgrade strategy of existing IPTV infrastructure

In place upgrade of the Microsoft Mediaroom system

Senior Software Engineer for Hellas OnLine

Greece, 2007

Designing product infrastructure(number of servers, rack position, NIC's IP assignment, routing, AD, DNS, IIS, PKI, SQL clustering) for the MSTV architecture

Implementing Microsoft Mediaroom installing of 2 platforms(120 servers) in Athens(operating system deployment, Active Directory infrastructure, DNS, NLB, Clustering, PKI, smart card, SMS server, MOM server, Microsoft Mediaroom, servers hardening)

Support and training for the local team

Lead Engineer for Wind

Italy, 2007

Creating detailed design documents(servers, NIC's, subnets, AD, DNS, PKI, SQL clusters) for the MSTV architecture

Implementing Microsoft IPTV Edition(extension to the present system)

Senior Software Engineer for Telecom

Portugal, 2007

Installing and configuring OSS/BSS software, integration with IPTV system

Senior Software Engineer for SingTel

Singapore, 2006

Deployment of one of the first distributed MS IPTV Architecture in Asia

Implementing Microsoft Mediaroom, installation of 2 platforms(200 servers) in Singapore(Active Directory infrastructure, DNS, NLB, Clustering, PKI, SMS server, MOM server, Microsoft Mediaroom, servers hardening)

Installing and configuring OSS/BSS software

2006

Alcatel Lucent

Timisoara, Romania

IT SUPPORT ENGINEER

Implementing company IT policy

Domain admin: managing and maintain AD infrastructure

Troubleshoots and develops technical solutions related to software and setup errors,

Installing and configuring operating systems, network settings on user computers, mail accounts, company tools, etc

2004 -2006

Sb Software

Timisoara, Romania

IT COORDINATOR

Project management tasks:

Creating team plans, assign priorities and coordinate projects implementation

Lead software developer team

IT Engineer tasks:

Create and maintain company network : server, switches, routers, firewalls,

Implementing, maintain and manage servers - Windows Server 2003, Active Directory DNS, DHCP, file server, print server, web server

Maintain and manage Microsoft Exchange Server
Set up, configure and manage SQL Server
Create and manage VPN/Remote Access, network restrictions
Maintain computers and applications
Software developer (C#)
Participate to the employees recruitment and assessment process

EDUCATION

1999 TO 2004

Polytechnic University

Timisoara, Romania

BA in Electronics and Telecommunication

KNOWLEDGE

IPTV environment - Microsoft Mediaroom product

knowledge of the Microsoft Mediaroom architecture, servers machines with their specific server roles

deploying IPTV Edition server software

configuring IPTV application(Branch, Service Group, Acquisition Group Backend, VOD backend) for service delivery

configuring IPTV client for receiving specific services

Video-On-Demand and Live TV services acquisition and delivery systems

EPG (electronic program guide) integration

MDRK (Mediaroom Deployment Resource Kit)

DRM

.Net

Over-The-Top, Multiscreen solutions

Deeply understanding of the adaptive streaming delivery mechanism: SmoothStreaming, Google Widevine

Deeply understanding of the encryption mechanism: PlayReady, Google Widevine technologies

Multiscreen clients integration and content delivery mechanism

Video-On-Demand and Live TV streaming.

Set-Top-Box's

Experienced with Motorola, Cisco, Tatung set-top-box's

Experienced with hybrid STB's

Testing and integrating an STB's into the IPTV environment

STB's client software end-to-end testing as VOD, Live, EPG, DVR, Application

Core:

Windows Server 2003/8(Active Directory, PKI, Clustering, NLB, DNS, DHCP, Routing and Remote Access/VPN, File Server, Print Server)

Windows XP, Windows 2000, Windows 98
Microsoft SQL Server 2005, SQL clustering
System Management Server 2003, Center System Configuration Manager 2007
Microsoft Operations Manager 2005, System Center Operations Manager 2007
Microsoft Exchange Server
Standards : Ethernet, X.25, ISDN, GSM,
Good knowledge of TCP/IP(routing, DNS, DHCP, IPSec)
Knowledge of network/protocols(SMB/CIFS, LDAP, Kerberos, NTLM)
Good security knowledge on Windows environment(Public Key Infrastructure: Root CA, Issuing CA, authentication)

OS Deployment:

Rapid Deployment Pack from HP
Microsoft Automated Deployment Services (ADS)

Virtualization:

Virtualization with Hyper-V, SCVMM
Microsoft Virtual Server 2005
VMware technology

Hardware

Strong knowledge of HP products(blades servers, DL380, DL385, DL360)
Storage solutions(MSA500/1000/2000)

Programming:

Visual Studio 2005
Visual Studio.Net
Web Programming (PHP, HTML)
Web Design (Dreamweaver, Firework, , Photoshop, Director)
Data Base (MS SQL, My SQL, VisualdBase,)

Other:

MS Office (Word, Excel, Outlook, Power Point, Front Page),
Deep knowledge in troubleshooting tools(Event Viewer, Wireshark, tracelogs)
Very good computer hardware knowledge.

CERTIFICATIONS

MCP – Microsoft Certified Professional

MCSA – Microsoft Certified System Administrator(Microsoft Windows Server 2003)

MCSE – Microsoft Certified System Engineer(Microsoft Windows Server 2003)

Exam 70-290: Managing and Maintaining a Microsoft Windows Server 2003 Environment

Exam 70-291: Implementing Managing and Maintain a Microsoft Windows Server 2003

Network Infrastructure

Exam 70-293: Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

Exam 70-294: Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure

Exam 70-297: Designing a Windows Server 2003 Active Directory and Network Infrastructure

Exam 270: Installing, Configuring, and Administering Windows XP Professional

Exam 89: Designing, Implementing, and Managing, a Microsoft Systems Management Server 2003 Infrastructure

May 2008 - MS IPTVe Architecture

December 2007 IPTV 1.2 Hands On Training – Nantes, France

November 2007 MDRK Overview

System Management Server 2003 – Antwerp Belgium

Microsoft Operation Manager 2005 - Antwerp Belgium