

# Andrei-Mihai NEAGU



## Personal Statement

I'm always trying to leave the world a little bit better than I found it and to make a difference wherever I go.

## Career Direction

I very much enjoy helping others achieve their goals, more than I enjoy succeeding with my own projects. That's why I'm looking to continue on the path of training and consultancy.

## Work Experience

August 2015 – November 2015

**SQL Server Consultant** – United Nations – Valencia

*Responsibilities:*

- Supporting the database servers of many UN organizations including: UNICEF, UNESCO, WTO, WHO, UNDP, etc.
- Administering over 300 SQL Servers
- Developing ITIL processes like: Incident Management, Change Management, Capacity Planning
- Consolidating the DBA team procedures
- Training the DBA team

*Abilities obtained:*

- Strong database mirroring knowledge
- Strong logshipping knowledge
- ITIL knowledge

*Achievements:*

- Full infrastructure assessment: identified database infrastructure flaws and provided clear guidelines of improvement
- Created over 10 database infrastructure improvement projects
- Delivered workshops for the DBA team

April 2015 – August 2015

**Freelancer Microsoft Certified Trainer**

July 2013 – April 2015

**Senior Database Administrator** – FullTilt Poker – Dublin

*Responsibilities:*

- Administering 4 production servers totaling 60 TB and 20 QA SQL Servers
- Consolidating production servers
- Migrating production servers from SQL Server 2005 to SQL Server 2008 R2
- Maintaining QA environments
- Designing database storage architecture

*Abilities obtained:*

- Managing Very Large Databases
- Source Code Control Systems
- Strong Table partitioning skills
- ITIL knowledge
- SCRUM framework
- Implementing database snapshot

*Achievements:*

- Developed a solution to replicate data between US and Isle of Man, based on DDL triggers and SQL Replication
- Developed an archiving solution based on ETLs and table partition switching
- Cutting storage costs by moving 1,5 TB of tier 1 storage to 500 GB compressed tier 2 storage saving the company a significant amount of storage costs

December 2012

**Microsoft Certified Trainer** – delivered Course 10776A: Developing Microsoft SQL Server 2012 Databases

October 2012

**Microsoft Certified Trainer** – delivered the Course 6158C: Updating Your SQL Server 2005 Skills to SQL Server 2008

October 2009 – July 2013

**Senior Database Administrator** – Ipsos Interactive Services – Bucharest

*Responsibilities:*

- Administrating 8 clusters and 8 stand-alone SQL servers, with a total of 5 TB of data
- Installing and configuring SQL Server 2005
- Backup and restore strategies
- Designing database security solutions
- Optimizing performance
- Windows and SQL clustering maintenance
- Replication setup, troubleshooting and optimization
- Developing solid and efficient replication topologies
- Developed highly complex T-SQL scripts.

*Abilities obtained:*

- Real life DBA experience; going into production and accepting bigger responsibilities was a step I needed to take in order to test my skills and to build up servers from scratch with all the challenges this step implies.
- Advanced SQL Server Replication design and maintenance
- Strong T-SQL coding skills

*Achievements:*

- Developed a highly complex custom database replication.
- Reduced the physical IOs and CPU utilisation with more than 40%, by implementing custom stored procedures, index defragmentation and code redesign.
- Redesigned the disaster recovery strategy, by implementing differential and log backups to meet the Service Level Agreement to our customers.
- Implemented SPSS backed database servers
- Developed an archiving solution for the market research projects

April 2007 – October 2009

**SQL Server technical support specialist** – Microsoft – Bucharest

*Responsibilities:*

- My main concern was to exceed customer expectations by delivering a high level, timely efficient support. Our focus was the top 500 Microsoft Premier customers in EMEA and I was part of the German speaking SQL Server Support team. We were contacted as a last resort mainly by companies that were providing support themselves. So we handle the most difficult cases that no one else could resolve. Our support extends from stand alone, multi node cluster and AD integrated installations to performance tuning, query optimization and T-SQL scripting.

*Abilities obtained:*

- Gained strong knowledge in:
  - deploying and troubleshooting SQL Server in an Active Directory environment, as a standalone and cluster installation
  - deploying and troubleshooting hotfix installations
  - performance monitoring, assessment and optimisation (Performance Monitor, Profiler, PAL, readtrace)
  - recovering SQL Server databases after a disaster and advising the customer on how to build a fault tolerant disaster recovery strategy (clustering, mirroring and log shipping)
  - troubleshooting Fulltext search

*Achievements:*

- Recovered corrupted databases of a top European bank, that was losing a considerable amount of money for each minute of downtime
- I was the team manager of a small team of students during the internship period. I made sure they have all the necessary resources to learn and pass their MCP exam. I did a meeting with each one of them every week to assess their progress and set up the steps they need to take to achieve their goals. At the end some of them were hired.

August 2005 – March 2006

**Network administrator** – Rotexx – Bucharest

- I was responsible with the maintenance of the network, websites and databases, configuring the Linux based servers and solving the different hardware and software network problems.

October 2004 – August 2005

**Technical support representative** – Pinnacle Systems - Bucharest

- I provided technical support via e-mail for the German and English speaking customers. I had to solve their hardware and software related video editing problems. I gained deep knowledge of products such as: Studio 9 Plus, Moviebox, Dazzle and PCTV series.

October 2003 – June 2004

**Commercial assistant** – ROEL electronics – Bucharest

- ROEL electronics SA was the main manufacturer on the Romanian electronic security system market. I was responsible for presenting the company's products to the potential customers.

## Certifications

- **Microsoft Certified IT Professional (MCITP)** – Database Administrator 2008

- **Microsoft Certified Technology Specialist (MCTS)** – SQL Server 2008, Implementation and Maintenance
- **Microsoft Certified Trainer (MCT)**

## Education

September 2007 – July 2009

- **University CREDIS Bucharest** – Master courses – IT Security –
- Dissertation degree – Securing organizations based on Microsoft technologies, implementing a Certification Authority

September 2007 – July 2008

- **CCNA Exploration** – University CREDIS, Bucharest

October 2001 – June 2006

- **University Politehnica of Bucharest**, Romania, Faculty of Engineering in Foreign Languages, German Section – Economical-Engineering degree in the field Automatics

May 2004

- **Customer psychology course** – Bucharest University, Faculty of Psychology

October 2006

- **Strategic Planning** – As a leader of the National Scout Organization of Romania I participated at the strategic planning for the next three years of my local scout committee

## Professional Skills

Team Management, Leadership skills, Organizational skills, Troubleshooting skills, Multitasking

## Personal Skills

Leadership, Friendly, Team Worker, Understanding human psychology, Fast Learner, Systematic Thinking, Adaptability to Change, Sense of Responsibility, Creativity

Driving license: B category

## Computer Skills

### Network administration and configuration

- Windows Server 2003/2008, Active Directory, Cisco technologies

### Database management

- SQL Server 2000/2005/2008/2012

### Graphics

- 3D Max, Realfow, Auto-CAD, Corel Draw, Photoshop

### Embedded systems

- Assembler, hardware and software programming of PIC12F675 and PIC12F629 microcontroller

## Language Skills

	<i>Conversation</i>	<i>Reading</i>	<i>Writing</i>
<b>German</b>	Excellent	Excellent	Excellent
<b>English</b>	Excellent	Excellent	Excellent
<b>Italian</b>	Beginner	Beginner	Beginner

## Hobbies

- leader of The National Scout Organization of Romania (ONCR) and member of my local group committee

- work experience with young people
- mountaineering
- I give guitar lessons
- member of the dancing school Dekadance
- martial arts
- member of the Federation of Traditional Aikido KIAI