Balazs Botzheim
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I am a senior specialist on the following topics:
Server & cloud infrastructure and architecture
Microsoft MCSE server and cloud infrastructure
Azure Solution Architect Expert
Azure security engineer

Work Experience

2023 –   Qualysoft Informatikai Zrt.

Azure Cloud & Security architect

– Security hardening in hybrid cloud infrastructures. To mitigate risks, protect data, and ensure compliance with industry standards and regulations.

– Design and manage the implementation and the migration of complex Hybrid IT infrastructure

– Support and consultation for customers in the field of digital transformation, and systems migrations to Office365 and Azure.

– Support and consultation for customers in the field of backup and IT security and business continuity.

2019 – 2023   SoftwareONE Hungary Kft.
Technology Services senior consultant

– Design and implement Hybrid IT infrastructure

– Support and consultation for customers in the field of digital transformation, and systems migrations to Office365 and Azure.

– Support and consultation for customers in the field of backup and IT security and business continuity.

– Architected and implemented SaaS backup systems

– Architected and migrated Exchange Server to Microsoft M365

– Architected and implemented Microsoft cloud security hardening

– Architected and implemented Intune management

2016 – 2019   Duna Elektronika Kft
Systems Engineer and 3rd Level Support, Member of the Professional Services Team

– Analyze & design server infrastructure, both hardware, and software, prepare implementation plan, and execute migration. Primarily Microsoft solutions

– Problem-solving on existing IT systems, analyzing, exploring the cause of failure, executing solution

– Build hybrid cloud systems based on Microsoft Azure

– Support local system operations teams of enterprise or government institutional clients

– Recent projects include:
  ▪ Exchange 2010 to Office365 migration
  ▪ SMB local environment migration to O365 using Azure AD
  ▪ MS2008R2 remote desktop server migration from VMware to Hyper-V

- Physical server infrastructure migration to Hyper-V
- Building multi-site Active Directory environment using firewall site-to-site VPN solutions
- VMware-based server infrastructure migration to Hyper-V
- Building our hosting center from hardware design to customer server installation, supporting customers in the hosting center
- Migrate IT systems from Linux-based to Microsoft-based solutions.
- Auditing full IT infrastructure from network across servers to client layer

2008 – 2016 **Avisys Informatika Zrt. (Avisys IT Services AG, Hungary)**
Systems Engineer and 3rd Level Support

- Analyze, design, and implement migration of complex systems, routing, firewalls, network security, servers, hardware, software
- Build hybrid cloud systems based on Microsoft Azure: design the migration processes, implement migration, conduct error and problem analysis
- Projects include:
  - 2008-based MS server Infrastructure upgrade to 2012R2
  - Designing and building the new IT infrastructure based on the results of the audit
  - Audit, design, plan, and implement a migration project from old IT infrastructure and system (router, network, server, client, storage) to a new Virtualized or Cloud environment.

2000 – 2008 **Hunland Trade Kft., Bugyi (Hungary)**
Computer equipment operator

- Plan the development and expansion of IT systems
- Build PCs, servers, LAN, WAN, and VPN connections, install software
- Develop software applications for logistics, warehousing, and finance based on MS Access
- Operate multi-site systems
- Level 1 2 3 support services for private companies, partner companies, and users

1999 – 2000 **Ministry of Social Affairs, Budapest (Hungary)**
Computer equipment operator

- Level 1 support for users

1995 – 1999 **AmigoSoft Computers, Pilisvörösvár (Hungary)**
Computer equipment operator

- First ISP in the region
- Build PCs and servers, install operating systems and software
- Build LANs -s for SMB companies, install Internet connections

EDUCATION

2005 – 2007 **Budapest University of Technology, Budapest (Hungary)**
IT security expert

2005 – 2008 **Dániel Berzsenyi Teacher Training College**
Teacher of Information Technology

2002 – 2005 **Dennis Gábor College of Information Technology**
Department of Business Systems

1985 – 1989 **Piarist Grammar School**
Matriculation

PROFESSIONAL TRAINING

2024	**AWS Certified Cloud Practitioner certification**
	EQF level 1, AWS, Budapest (Hungary)
2023	**FinOps Practitioner training**
	EQF level 1, FinOps Foundation
2022	**Microsoft Azure security engineer**
	EQF level 3, Microsoft, Budapest (Hungary)
2021	**Microsoft Azure Architect Expert**
	EQF level 3, Microsoft, Budapest (Hungary)
2017	**Windows 2016 Server Infrastructure Solutions Designing and Implementing, Network, Identity**
	EQF level 3, Microsoft, Budapest (Hungary)
2017	**Implementing Microsoft Azure Infrastructure Solutions**
	EQF level 3, Microsoft, Budapest (Hungary)
2017	**Installation, Storage, and Compute with Windows Server 2016**
	EQF level 3, Microsoft, Budapest (Hungary)
2016	**Dell Storage SC series Solutions Architect**
	EQF level 1, Dell, Budapest (Hungary)
2014	**Microsoft Server Infrastructure Expert WS2012R2 MCSE**
	EQF level 3, Microsoft, Budapest (Hungary)
2014	**Netasq firewall Expert**
	EQF level 2, Yellow Cube Kft., Budapest (Hungary)
2013	**Netasq firewall administrator**
	EQF level 1, Yellow Cube Kft., Budapest (Hungary)
2013	**MS Windows Server 2012 Solutions Associate MCSA**
	EQF level 2, Microsoft, Budapest (Hungary)
2013	**Administering Office365 for Small Business**
	EQF level 1, Microsoft, Budapest (Hungary)
2011	**Acronis Certified Engineer (ACE)**
	EQF level 2, Acronis Germany GmbH., Budapest (Hungary)

LANGUAGES

English intermediate - fluent, German beginner, Hungarian mother tongue

IT SKILLS

I have more than 20 years of experience in the IT field of server infrastructure.
The covered fields are:
- Design and implement server and data center architectures
  - o scale and configure server hardware (mainly DELL)
  - o WAN – router, firewall, gateway security
  - o LAN – core switch, access switch, VLAN tagging
  - o SAN – Storage network and transmission protocols
  - o Storage – NAS, SAN storage (mainly DELL EMC), SDS
  - o Operating system – Windows server, Linux server
  - o Database server – MS SQL, MY SQL
  - o Web/application server – IIS, Apache-based systems
  - o Monitoring system – System center-based components, Linux-based monitoring systems

- o   Mail server – MS Exchange, incl. spam filtering and mail security
- o   Backup system – MS DPM, Veeam, Arcserve
- o   VPN – Site to site, client to site, VPN gateways
- o   Hypervisor-based failover clusters – VMware ESX V Center, Microsoft Hyper-V System Center
- o   High available server infrastructure

These are the basics.

I have migrated several complex IT systems for both on-prem virtualization and cloud migration to hybrid and full-cloud environments.
I have made several server migration plans and participated in the migration work, including moving the parts listed above. e.g.

- Hardware-based legacy systems to VMware or Hyper-V
- VMware to Hyper-V
- Linux-based systems (mail, database web, file, etc.) to Microsoft-based systems
- Replace or upgrade any of the components listed above.

Regarding the Microsoft cloud.
From the beginning (BPOS alias O365 and Windows Azure 2010 alias Microsoft Azure), I worked closely with Microsoft mainly on migration projects and greenfield implementations. I have been working on similar projects ever since. I have experience with e.g.

- Microsoft Exchange migration to Office 365. Incl. DAG, SPAM filtering, hybrid, and multi-domain environment.
- MS AD, Azure AD identity migration and management.
- On-premises IT environment or components migration to Azure or Hybrid environment, including moving the parts listed above.
- Planning server infrastructure (resources), and landing zone in Azure.
- Microsoft security solutions. Sentinel, SIEM, Defender
- Azure Well Architected Framework (WAF)
- Azure Cloud Adoption Framework (CAF)
- Azure migration tool

In addition, I have strong capability regarding L3 support, resolving hard issues, and resolving problems caused by misconfigurations.

I am now applying for this position because I want to make use of my twenty years of experience gained during the planning, transformation, and implementation of complex IT systems.

Designing IT systems is my love. This is what I grew up with, and it has accompanied me throughout my professional career. Based on my experience, it is important to know both old and new technologies during the planning and migration of complex systems. This knowledge is a given for me.

I would explain the professional details in the context of a personal conversation.

High availability, disaster recovery plan, IT security, network, computing capacity, storage, backup, access, authentication, and encryption. Planning, security, replication, capacity planning, and implementation in relation to the mentioned components. Without claiming to be complete, as we know that it is critical to take into account the different and unique aspects of each system. I feel that the development and planning of IT systems and infrastructure is exactly the task that suits the utilization of my knowledge and experience.

Best regards,

Balazs Botzheim