



Alexandru TABACARU

SYSTEMS ENGINEER

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ABOUT ME

Over the past six to seven years I've contributed to organizations towards better IT environments through cloud technologies, automation, virtualization, AI and enterprise infrastructure. My goal is simple: create systems that are reliable, secure, easy to manage and empower the business.

WORK EXPERIENCE

IT SYSTEMS & AZURE SPECIALIST – GENERALI EMPLOYEE BENEFITS – 01/09/2023 – 31/07/2026 – MERL, LUXEMBOURG

Technologies & Technical Skills: Azure, GCP, VMware ESXi, Azure Virtual Desktop (AVD), AKS, Databricks, Azure DevOps, ARM Templates, Azure Monitor, Log Analytics, Intune, Microsoft Defender, Microsoft Entra ID, Active Directory, Windows Autopilot, PowerShell, Power Automate, Power Apps, WatchGuard, Veeam, Barracuda, SharePoint Online, Purview, WSUS, PRTG, Jira, Confluence

Cloud, Infrastructure & Security

- Designed and managed Azure networking (VNets, subnets, private endpoints, NSGs, UDRs, DNS, Load Balancers, VPN Gateway/ExpressRoute) supporting AKS, Databricks, hybrid connectivity, governance and RBAC.
- Designed and maintained highly available Azure, GCP and VMware ESXi infrastructure supporting 20-50 VMs, Dell SAN storage, vMotion, hardware refreshes and capacity planning with zero downtime.
- Monitored infrastructure with Azure Monitor, Log Analytics, PRTG and WatchGuard, proactively resolving performance, network and security issues.
- Managed patch compliance with WSUS and Microsoft Intune update rings, balancing security, stability and phased deployments.
- Managed endpoint security with Microsoft Intune and Microsoft Defender for Endpoint, enforcing BitLocker, Conditional Access, compliance policies and security baselines.
- Administered hybrid identity across Active Directory and Microsoft Entra ID, implementing MFA, least-privilege access, automated provisioning and SAML/SSO for SaaS platforms including Salesforce.
- Administered WatchGuard firewalls, managing rules, site-to-site VPN and SSL VPN access.
- Built PowerShell, Power Automate and Power Apps automation for Joiners/Movers/Leavers, audit evidence collection and operational workflows.
- Built Azure DevOps landing zones and ARM-based IaC pipelines, standardising infrastructure provisioning and enabling self-service CI/CD.
- Designed backup and disaster recovery solutions with Veeam, Barracuda and Azure Immutable Blob Storage, validating RPO/RTO through DR testing.
- Deployed Windows Autopilot and Microsoft Intune for zero-touch Entra Join and Hybrid Join provisioning while maintaining Group Policy compatibility.
- Delivered Azure Virtual Desktop (AVD/RDS) environments for developers and third-party users with centrally managed virtual desktops.
- Designed SharePoint Online architecture and migrated file shares to SharePoint and OneDrive, implementing Microsoft Purview DLP and retention policies.
- Authored the company-wide Acceptable Use Policy (AUP) and IT security governance documentation.
- Managed incidents and root cause analysis through Jira Service, producing Confluence documentation to standardise operations.
- Coordinated infrastructure vendors and contracts while mentoring colleagues on new platforms and technologies.

Infrastructure & Operations

- Administered a hybrid Microsoft environment (Active Directory, Azure AD/Entra ID, Microsoft 365) supporting approximately 120 users and 300 managed devices.
- Managed the lifecycle of IT assets, hardware, software and licensing, improving inventory accuracy and ensuring compliance throughout procurement and disposal processes.
- Managed endpoint provisioning, user onboarding/offboarding and access management, including account creation, device configuration and permissions administration.
- Developed Power Automate workflows to streamline business processes, reducing manual effort and improving operational efficiency.
- Administered SharePoint Online, designing and maintaining team sites, document libraries and collaboration spaces to improve knowledge sharing.
- Reduced IT expenditure through strategic asset lifecycle management and vendor negotiations while coordinating procurement and support contracts.

Projects & Strategic Initiatives

- Led the implementation of DocuSign with Azure AD single sign-on (SSO), improving identity management and user experience.
- Designed and implemented SharePoint Online solutions using Power Automate and Microsoft Teams, including approval workflows and automated business processes.
- Developed and maintained a SharePoint-based contract management repository with automated document workflows and approval processes.
- Implemented Azure AD SSO integration for enterprise HR platforms, supporting secure authentication and data migration initiatives.
- Partnered with business stakeholders to analyse requirements, identify process improvement opportunities and deliver automation and collaboration solutions.

EDUCATION AND TRAINING

MANAGEMENT AND PROGRAMMING OF COMPUTER SYSTEMS, E.S.S.A. Barreiro

16/09/2014 – 30/06/2017 Setúbal, Portugal

Comprehensive technical degree covering Computer Science courses such as:

- Computer Architecture.
- Operating Systems.
- Computer Networks.
- Programming / Software Development.
- Information Systems.
- Databases.

Hands-on experience through internships, including an ERASMUS+ internship abroad.

Field of study: Computer Science

LANGUAGE SKILLS

English: C2 | **French:** B1 | **Luxembourgish:** A2 | **Portuguese:** Native | **Romanian:** Native

CEFR LEVELS: A1/A2 (BASIC) · B1/B2 (INDEPENDENT) · C1/C2 (PROFICIENT)

DRIVING LICENSE

Category: B

Mobility: Own vehicle available for commuting/business travel