

CURRICULUM VITAE



Personal Information

Surname / First name **KATO Mihai-Valer**
Address Rozelor no.15, Dumbrăvița, jud. Timiș, Timișoara
Telephone +40 728 581 093
E-mail mihai@kato.ro
Nationality Romanian, German
Date of birth 19th of March 1988
Gender Male

Work Experience

Dates January 2024 – Present – ROMANIA
October 2015 – December 2023 – GERMANY

Position IT Senior Engineer – **Elektrobit** Automotive

Main activities and responsibilities MS Office 365. Exchange (2013,2016,2019, Online, hybrid, SE) AD, EntraID (Azure AD), Password Secure, PowerShell scripting, Anti-Spam Mail gateway (Forti Mail), MS-Defender, MS Purview for 365 Data Subject Requests for the GDPR and CCPA, Mail encryption (Sepp Mail), Office 365 Apps, M365 Copilot, MS-Teams, Viva Engage (Yammer), Endpoint Mobile Device Management, Password Safe v8, Skype For Business, Microsoft 365 Licensing, SharePoint Online, Email deliverability (DKIM, DMARC, SPF), Multifactor authentication (MFA), SSO via SAML or OIDC, User Provisioning via SCIM, Power Automate flows, company phishing campaigns (Lucy & SoSafe), Seatti app in Teams, Windows Hello For Business (WHfB), FIDO2, MS-Stream, MS-Bookins, N8N PoC, Risky users (EntraID), Apple Business Manager (MDM).

Projects:

- Exchange 2010 Deployment & Monitoring Automation
- Exchange Hybrid Architecture Design & Implementation
- Exchange Online (Microsoft 365) Mailbox Migration Program
- Exchange Server Lifecycle Upgrades (2010 → 2019 → Subscription Edition)
- Mail Flow & Secure SMTP Modernization
- Email Security Gateway Integration (FortiMail / SeppMail)
- Linux Mailman Service Integration
- Exchange Health Monitoring & Reporting Framework
- Microsoft Entra ID (Azure AD) Hybrid Identity Implementation
- Conditional Access & Zero-Trust Security Rollout

- Enterprise Multi-Factor Authentication (MFA) Program
- Windows Hello for Business Passwordless Deployment
- SSO & Federation for Enterprise Applications (~100 integrations)
- SCIM-Based Automated User Provisioning
- Email Authentication Hardening (SPF, DKIM, DMARC)
- Phishing Protection & Awareness Program (Lucy → SoSafe)
- Risky User Remediation & Tenant Security Hardening
- GDPR/CCPA Data Subject Request Compliance Implementation
- Skype for Business to Microsoft Teams Migration
- Microsoft Teams Global Rollout (Teams-Only Mode)
- OneDrive Backup & Data Protection Rollout
- SharePoint Online Organizational Assets Migration
- Microsoft 365 Productivity Apps Deployment (Forms, Planner, Stream, etc.)
- Hybrid Work Enablement (Seatti, Bookings, Collaboration Tools)
- Viva Engage (Yammer) Implementation
- Microsoft 365 Copilot Readiness & Adoption Program
- Microsoft Intune MDM/MAM Deployment
- Endpoint Compliance & Conditional Access Enforcement
- Domain Join & Workplace Join Modernization
- Office Apps Enterprise Rollout
- Apple Business Manager Integration
- PowerShell Reporting & Administration Automation Suite
- Automated Microsoft 365 Licensing Framework
- Mailbox Migration Dashboard & KPI Tracking System
- Power Automate Workflow Solutions
- Dynamic Group & App Assignment Automation
- Workflow Automation Platform PoC (n8n)
- IT Feedback & Service Optimization Survey Initiative

Dates	Mai 2012 – September 2015 – GERMANY
Position	Windows Server administrator at ATOS IT Solutions and Services
Main activities and responsibilities	<p>Administrating windows servers</p> <p>09.07.2012 - Present: working in delegation in Germany, Erlangen</p> <p>Involved in Hardware Refresh Project For Siemens</p> <p>Administrate Microsoft Windows Server Infrastructure Siemens customer</p> <p>Install/Uninstall Windows 2008 R2, 2012 and configure servers and install Atos tools, monitoring SCOM, SCCM, EMC Powerpath, NetApp, Sam4Server ,apply security updates and check for security vulnerabilities according to CERT Security requirements.</p> <ul style="list-style-type: none"> - 2nd Level Windows Server Administrator - 2nd level troubleshooting on windows 2003,2008,2012 server via ticket system, remote support to customers -Configuring Windows server OS according to client's documentation - Replacing old infrastructure server - Installing Windows 2008 OS ,Domain Controllors and Exchange Servers, uninstalling old servers -Develop & implemented an internal tool called Quality Check, scripts designed to help control the output and fix issues where needed. By monitoring this way, the

servers have a better maintenance service, while working proactive with has an overall output of: low number of tickets, SLA's are met, higher SDC patching rate, better monitoring, higher rate of RDP/RSB server reachability, quicker DNS validation check, fix or change, better status overview of aprox.2000 servers, better man power distribution decisions made after consulting the overview, customer receives better quality services and achieves business satisfaction.

Projects:

- Hardware refresh: installing, decommissioning, and making orders for servers which will be refreshed.
- IPINs regarding remote access vulnerabilities: Administrating MS Access and Microsoft SQL server 2008 database, managing and fixing the vulnerabilities (more than 20 people involved)
- Printers migration : migrating printers from one vlan to another (3 people involved)
- Engineer on duty : resolving incidents problems (ticketing system)
- QA- Check process implemented (PowerShell scripts monitoring the servers+ dashboard for overview)
- Internal tools developed in C# and PowerShell facilitating the work and improving time for solving issues

More details about the projects are in the attachment

Dates October 2011 - Mai 2012 – ROMANIA
 Position Software developer at IQSTORM Corp.
 Main activities and responsibilities Developing Windows Presentation Forms (WPF) using C#

Dates February 2011 - May 2012 – ROMANIA
 Position IT Specialist
 Main activities and responsibilities Performing computer maintenance for companies (SC ILLINOIS COM SRL)

Dates July 2011 - September 2011 – ROMANIA
 Position Freelancer
 Main activities and responsibilities Developing a website in Wordpress Platform: <http://www.dia-art.com>

Dates June 2011 - July 2011 – ROMANIA
 Position Software developer at S.C. ForIT Solutions S.R.L.
 Main activities and responsibilities Developing Windows Application Forms using C#

Dates January 2011 - Mai 2011 – ROMANIA
 Position Freelancer
 Main activities and responsibilities Developing a software project called Smart Backup in C#

Education and training

Dates 2010 - 2012
 Principal subjects Master in Automatics and computers science/ Information Technology
 Organization “Politehnica” University of Timisoara

Dates 2007 - 2010
 Principal subjects License in Automatics and computers science/ Informatics
 Organization “Politehnica” University of Timisoara

Projects Application developed for managing the products for a car service shop in VB.NET, 3D map for a game developed in Valve Hammer Editor, e-commerce website for PC shop in PHP, eBook library developed in Java, paintings website made in ASP.NET, a modern server-client confectionery software developed in Java

Dates 2003 - 2007
 Principal subjects Mathematics and Informatics
 Organization Teoretic High School “Mihai Veliciu” Chisineu Cris

Personal skills and competences																																																						
Mother tongue(s)	Romanian																																																					
Other language(s)	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>English</td> <td>C1</td> <td>Proficient</td> <td>C1</td> <td>Proficient</td> <td>C1</td> <td>Proficient</td> <td>C1</td> <td>Proficient</td> <td>C1</td> <td>Proficient</td> </tr> <tr> <td>Hungarian</td> <td>B2</td> <td>Independent</td> <td>B2</td> <td>Independent</td> <td>B2</td> <td>Independent</td> <td>B2</td> <td>Independent</td> <td>B2</td> <td>Independent</td> </tr> <tr> <td>German</td> <td>B2</td> <td>Medium</td> <td>B2</td> <td>Medium</td> <td>B2</td> <td>Medium</td> <td>B2</td> <td>Medium</td> <td>B1</td> <td>Medium</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				English	C1	Proficient	Hungarian	B2	Independent	German	B2	Medium	B2	Medium	B2	Medium	B2	Medium	B1	Medium																
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German	B2	Medium	B2	Medium	B2	Medium	B2	Medium	B1	Medium																																												
Computer skills and Competences	<p>Microsoft Office and Adobe tools</p> <p>Programming languages: C/C++, Java , MySQL ,Visual Studio, C#, HTML, PHP, ASP.NET, Android Development, JavaScript, WordPress, PowerShell, PhpMyAdmin, Web Design;</p> <p>Software Project Management, Software Installation, IT Operations, Windows Server, Networking, IT Security Operations, Photoshop, Web Development, Software Development, User Interface Design, Eclipse, SQL Database Administration, Lync, Valve Hammer Editor; Canva Design;</p> <p>Basic knowledge in Linux and 3D Graphics, user interface design, computer hardware</p>																																																					
Other skills and competences	<p>Integration, Teamwork, Team-oriented, Hard worker, Solution Development, Leading Diverse Teams, Ticketing Systems, Project Planning, Service Delivery, Vulnerability Scanning, Vulnerability Research, Vulnerability Management, Dynamic Trainer, Build Automation, Good Social Skills, Customer Oriented, Process Optimization, Passion for Helping Others, Team Involvement</p>																																																					
Social skills and competences	<p>I'm sociable, responsible, ambitious, well ordered, with team spirit, good ability to adapt to multicultural environments, friendly, competitive, opened for gaining experience, outgoing</p>																																																					
Driving license	B category																																																					
Additional information	<p>Hobbies: Sports (basketball, gym workout, snowboard, wakeboard), Cars, DJ-ing (DJ Studio), Travelling (Hungary, Greece, Czech Republic, Poland, Austria, Germany, Italy, Serbia)</p>																																																					

Projects Details

Microsoft 365 / Exchange / Identity & Security Project Portfolio (2017–2026)

- Led end-to-end migration from Exchange 2010/2013 on-premise to Exchange Online (Microsoft 365 hybrid)
- Designed and implemented hybrid mail flow architecture (FortiMail/SeppMail ↔ Exchange Online ↔ on-prem)
- Migrated 100% of user mailboxes, archives, and public folders with minimal downtime
- Built PowerShell dashboards to track mailbox migration progress and health
- Developed monitoring/reporting scripts (database status, queues, DAG switchovers, KPIs)
- Managed Exchange lifecycle: upgrades, cumulative updates, Subscription Edition migration
- Eliminated Basic Authentication and modernized authentication across services
- Implemented secure SMTP with authenticated relays only
- Managed Linux Mailman integration for specialized user groups

Identity, Access & Zero-Trust Security (Entra ID / MFA / SSO)

- Implemented company-wide Conditional Access & MFA strategy
- Evaluated and implemented MFA methods (Entra ID, FIDO2, Windows Hello for Business)
- Rolled out MFA to entire workforce with documentation, training, and adoption reporting
- Implemented SPF, DKIM, DMARC and anti-phishing protections
- Led phishing simulation programs (Lucy → SoSafe) and user awareness campaigns
- Delivered SSO integrations for ~100+ SaaS applications (SAML/OIDC)
- Implemented automated user provisioning/deprovisioning via SCIM
- Secured risky users and improved tenant security posture
- Registered apps and built secure enterprise authentication architecture

Collaboration & Productivity Transformation (Microsoft 365)

- Led organization-wide migration Skype for Business → Microsoft Teams (Teams-Only mode)
- Global rollout of Teams, OneDrive, Forms, Planner, To-Do, Whiteboard, Stream, Viva Engage
- Designed processes for external collaboration and guest access
- Implemented OneDrive backups for user devices
- Deployed Microsoft Office ProPlus and modern apps enterprise-wide
- Introduced Windows Hello for Business for passwordless sign-in
- Rolled out hybrid work solutions (Seatti, Bookings, collaboration tools)
- Migrated organizational templates and assets to SharePoint Online

Endpoint & Device Management

- Implemented Microsoft Intune for Mobile Device & Endpoint Management
- Enforced device compliance policies via Conditional Access
- Managed domain-joined and workplace-joined devices
- Enabled SSO and modern authentication across corporate laptops
- Integrated Apple Business Manager for macOS/iOS fleet onboarding

Automation, Reporting & Process Engineering

- Built PowerShell automation for licensing, reporting, and Exchange administration
- Replaced manual O365 licensing with dynamic Azure AD group rules
- Developed migration dashboards and KPI tracking reports
- Created Power Automate workflows for service requests and access management
- Automated group/app assignments and identity lifecycle processes
- Tested workflow automation platforms (n8n PoC)
- Produced executive reports, metrics, and adoption dashboards

Emerging Technology & Innovation

- Led Microsoft 365 Copilot readiness assessment and rollout strategy
- Configured Copilot security and compliance settings
- Managed GDPR/CCPA Data Subject Requests processes
- Conducted tenant modernization and continuous improvement initiatives
- Gathered IT user feedback and drove productivity enhancements

HW Refresh

Responsibilities:

- Installing, Decommissioning and creating orders of servers
- Patching
- Incident management (ticketing)
- Scripting

Vulnerabilities Mitigation

Project Objectives: Mitigation of all Intranet Critical Systems vulnerabilities on commercial Networks

Customer Profile: International engineering and electronics conglomerate company

Size: 360,000 employees across nearly 190 countries

Scope: Focus on GER ~3,000 Vulnerabilities (moving target)

Role(s):

- Security Officer (acting) for Global Business Unit Germany
- Tower SPOC for Infrastructure and Cloud Services
- Trainer for Tower SPOC for Infrastructure and Cloud Services
- IPINS Database for Cluster GER - Lead Administrator
- Knowledge Base (remediation information repository) – Pilot Architect and Administrator
- Cross Tower Lead, guiding a team of 4 Senior Technical Leads

Responsibilities:

- Mitigation Planning and Support
- Quality Assurance
- Risk analysis, management and mitigation
- Daily Progress Reporting
- Weekly Risk Reporting
- Bi-Weekly Security Reporting

Print Migration

Project Objectives: Migration of approx. 700 printers from one VLAN to another

Responsibilities:

- sync people from different departures to proceed with migration
- service delivery - reporting the progress and actual status
- customer focus
- quality check

Websites for Businesses

During my free time I help businesses to grow by creating them their online presents including a website, google maps, social media, custom email, SEO etc.

1. mihai.kato.ro
2. kato.ro
3. go-crew.com
4. pwrply.com
5. zizonno.com
6. critical-mass.ro
7. bookadjstudio.com
8. furduiotilia.ro
9. mesimeli.com
10. danpaga.com
11. drucktechnikradi.de
12. daidintensi.ro
13. inchirieritopogane.ro
14. toserdent.ro
15. comzoltech.ro
16. sandupocaznoi.com
17. edu.sandupocaznoi.com
18. giorgiana-ratiu-makeup.de
19. prodimmo.de
20. bestimmovest.de
21. taphonia.de
22. aurasavashop.ro
23. click-it.ro

Smart Backup

Application developed in C# and designed for people who want to back up regularly their files or emails

C# and PowerShell Scripts

Developed scripts for use of internal remote servers administration and for improving fixing and monitoring time:

PowerShell scripts:

- Add local admin
- Automatic logon user
- Delete local admin
- Get DNS status
- Get remote board status info from server
- Get local admin
- Get WMI status
- Get PowerShell version
- Get .NET version
- Get Uptime of server

C# applications:

- "Scripter" Software with windows forms which can check the following:
 - Ping, SCOM, HDD size, service status, Oracle or SQL are installed
 - Active directory search for user or server information
 - DNS read, test and change
 - Local admins: read all accounts, add account, delete account, change account settings
 - Check the up time
 - SDC patch which checks in the windows update log if patching was successfully

- "Auto send mail" Application developed for sending organized emails to people with the network security breaches they have to fix by having for input a big excel sheet

- "Print File" Application for printing a message to a list of printers from the network

Conclusion:

By monitoring this way, the servers have a better maintenance service, while working proactive which has an overall output of:

- Low number of tickets
- SLAs are met
- Higher SDC patching rate
- Better monitoring

- Higher rate of RDP/RSB server reachability
- Quicker DNS validation check, fix or Change
- Better status overview of approx. 2,000 servers
- Better man power distribution decisions made after consulting the overview
- Customer receives better quality services and achieves business satisfaction

Go-Crew – Group location sharing app for Android

- Since 2015 – present
- Android application designed to help people to find, follow, organize, meet, track each other, real time in the simplest way possible
- Application was developed with the purpose of updating personal skills in today's technologies (OOP, Java, Android SDK, HTML, CSS, PHP, Google map services, Database Administration, MySQL, Web server, Client – Server Communication, Photoshop, UI Design, JavaScript, Domain Administration)
- Front-end: java application and web page → Android Studio (Java)
- Back-end: MySQL database → Google Firebase Realtime Database

- <https://www.go-crew.com>

The Office (Real building virtualized)

This project was made with the scope to develop further skills in 3D virtual environment. The map was developed with Valve Hammer Editor software and it is the virtual clone of a real old building with the size of 3000 m²