

**TYMUR CHMERUK** Silver Spring, MD 20902 | +1 (240) 234-5186 | thetime2@gmail.com US Person / Authorized to work in the US (No Sponsorship Required) | W2 Only

**PROFESSIONAL SUMMARY** Senior Infrastructure Engineer and NOC Operations Manager with over 15 years of experience architecting, monitoring, and securing enterprise IT environments. Subject Matter Expert (SME) in SolarWinds and Zabbix telemetry. Extensive experience acting as an elite B2B infrastructure vendor for global giants (Adobe, EPAM) and managing highly regulated, mission-critical environments (Barclays Bank). Deeply specialized in hybrid cloud (AWS) and aligning network architectures with NIST SP 800-53 and Zero Trust frameworks for the US Enterprise and GovCon sectors.

**CORE COMPETENCIES** • **Compliance Frameworks:** NIST SP 800-53 Rev 5, NIST 800-82, FISMA, PCI-DSS, ITIL Excellence. • **Continuous Monitoring:** SolarWinds Orion (SME), Zabbix, New Relic, Splunk. • **Infrastructure & Systems:** VMware vSphere, Bare-Metal Operations, Windows/Linux Server Admin, Active Directory (GPO/IAM), SCCM. • **Cloud Architecture:** AWS (EC2, VPC, ALB), Hybrid Cloud Migration, Fastly Edge Security. • **Network Operations:** Cisco Routing/Switching (CLI), WAN/LAN connectivity, SD-WAN, NetFlow.

## PROFESSIONAL EXPERIENCE

**LEAD INFRASTRUCTURE CONSULTANT / SYSTEMS ENGINEER** *Private B2B Consulting Practice | Silver Spring, MD | Jan 2023 – Present* • Architect hybrid cloud environments adhering to NIST SP 800-53 Rev 5 controls, facilitating the Risk Management Framework (RMF) process for mission-critical systems. • Engineer a unified monitoring ecosystem utilizing SolarWinds Orion and Zabbix, reducing incident detection time (MTTD) by 40% through custom automated alerting. • Direct comprehensive vulnerability assessments using Tenable Nessus and manage enterprise-wide patch cycles via Microsoft SCCM, ensuring 100% compliance with federal security mandates. • Configure and maintain AWS EC2 instances and Virtual Private Clouds (VPC), implementing logical network segmentation to support zero-downtime environments. • Enforce rigorous ITIL change management procedures for infrastructure deployments, providing L3 support for DNS/DHCP and global WAN connectivity.

**NOC OPERATIONS MANAGER / CLOUD INFRASTRUCTURE SPECIALIST** *Magento, an Adobe Company (B2B Contractor) | Global | Jun 2015 – Dec 2022* • Directed a 24/7 Enterprise NOC responsible for the global availability of Adobe Commerce cloud infrastructure, ensuring 99.99% uptime for Tier-1 US retail clients (e.g., Stage Stores). • Served as the SME for the SolarWinds platform; managed polling engines, custom alert logic, and multi-tier reporting to provide actionable capacity planning data. • Enforced strict SLA compliance via ServiceNow, achieving a 20% reduction in MTTR by automating incident triage across cross-functional US and French executive teams. • Analyzed complex network traffic patterns using NetFlow to identify bottlenecks, optimizing load balancer (F5/AWS ALB) configurations to support 208,000 orders/hour. • Orchestrated the deployment of Fastly CDN and Web Application Firewall (WAF) services, mitigating Layer 7 DDoS attacks and ensuring PCI-DSS compliance.

**ENTERPRISE SYSTEMS ENGINEER** *EPAM Systems (B2B Contractor for Barclays Bank) | Global | Aug 2010 – May 2015* • Provided dedicated L2/L3 infrastructure support for Barclays Bank's global investment banking division, navigating strict FinTech ITIL compliance and high-security financial environments. • Administered global Active Directory instances, GPO, and Identity & Access Management (IAM) for thousands of users, ensuring adherence to financial security policies. • Configured Cisco Catalyst and Nexus infrastructure via CLI, managing ACLs, VLAN trunking, and port security to protect "Secret" and "Confidential" financial assets.

**DATA CENTER INFRASTRUCTURE ENGINEER (L2/L3)** *Volia Data Center (Enterprise Tier-3 DC) | Kyiv | Jan 2006 – Jul 2010* • Engineered the physical and logical foundation of a premier Tier-3 colocation facility (Kikvidze), supporting a 40 Gbps backbone and 3,000+ server unit capacity. • Managed bare-metal physical routing and core network setup, configuring Cisco 7600 routers and Extreme Networks Summit X450 switches to ensure resilient backbone connectivity. • Performed server racking, cabling, and remote hands support for enterprise colocation equipment, remediating physical layer performance issues directly at the hardware layer.

**EDUCATION** **Masters of Economics** Kyiv, Ukraine | 2006 – 2010 (*U.S. Equivalency Documentation Available Upon Request*)