

Vadim Poyaskov

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SUMMARY

- Senior System Engineer with 20+ years of hands-on experience across IT infrastructure, DevOps, and Middleware
- Designs and operates secure, highly available cloud platforms on Microsoft Azure and AWS, supporting Kubernetes-based Banking-as-a-Service (Backbase) through GitOps, observability, and security controls.
- Builds and runs CI/CD and GitOps pipelines with Git/Bitbucket, Jenkins, GitHub Actions, ArgoCD, Docker, and Kubernetes (AKS/EKS).
- Applies AI-assisted engineering with GitHub Copilot to accelerate development, troubleshooting, and automation workflows.
- Identity & access platform engineering: Keycloak, CyberArk PAM, SSO/OTP, PKI, SAML; certified RHCSA and IBM WAS ND V8 Administrator.

TOP SKILLS

Cloud & Platform: Azure (AKS, Front Door, Service Bus, SQL), AWS (EKS, EC2, S3, VPC, RDS), GCP, Bluemix, VMWare, Docker, Kubernetes (AKS/EKS), Istio, ArgoCD, GitHub Actions.

DevOps & IaC: Terraform, CloudFormation, Ansible/Tower, Jenkins, Bamboo, BladeLogic, Git/Bitbucket, Artifactory.

Middleware: IBM WAS ND, MQ (V5–V9), IHS, WebSphere Process Server, Datapower, MessageSight, Tomcat, GlassFish, Apache, NGINX.

Security & Identity: CyberArk PAM (PVWA/PSM/CPM/CCP/SCIM), Keycloak, IAM/SSO/MFA, SAML, PKI/SSL.

Observability: Grafana, Prometheus, Splunk, ELK, Azure Monitor, CloudWatch, Zabbix, IBM Tivoli, HP OpenView, Dynatrace, PagerDuty.

AI-assisted engineering: GitHub Copilot, Claude, Ollama, OpenAI

CERTIFICATIONS & LANGUAGES

Certifications: RedHat Certified System Administrator (RHCSA, RHEL V7) · IBM Certified System Administrator — WebSphere Application Server Network Deployment V8.0 · CyberArk Trustee · Beyond the Basics: Istio & IBM Cloud Kubernetes Service · Private Pilot License (night-rated).

Languages: English (Full Professional) · Russian (Native/Bilingual).

PATENTS

Logic Functions Computing Device — Patent 1441382.

EDUCATION

Government Academy of the Republic of Belarus — Master, Automatic Control Systems.

EXPERIENCE

Backbase — Senior System Engineer

Toronto, ON

Oct 2021 – Present (4 yrs 9 mo)

- Architect and operate cloud-native platform capabilities supporting Backbase-as-a-Service workloads on Microsoft Azure.
- End-to-end platform delivery and lifecycle management across Kubernetes (EKS/AKS) with GitOps via GitHub Actions and ArgoCD.
- Leverage GitHub Copilot AI-assisted engineering to accelerate development, troubleshooting, and automation workflows.
- Secure service-to-service communication and traffic governance with the Istio service mesh.
- Highly available Azure infrastructure: Azure Front Door, WAF, Service Bus, Azure SQL, Availability Zones, DR principles.
- Identity & access platform engineering with Keycloak — customization, secure integrations, operational automation, enterprise auth.
- Optimized CI/CD with GitHub Actions for repeatable, auditable deployments.
- Mentor peers, contribute code to extend platform functionality, translate complex technical decisions for stakeholders.
- Support networking, VPN, secure ingress, and PKI infrastructure across the platform.

HSBC — Site Reliability Engineer / Consultant

Vancouver, BC (contract)

May 2021 – Oct 2021 (6 mo)

- Supported bank's on-prem and hybrid cloud infrastructure; OS/Network/application troubleshooting in non-Prod and Prod.
- Delivered CyberArk PAM — automation of vault, safes, and onboarding via REST API, Ansible Tower, Python, PowerShell/Shell.
- Built CI/CD pipelines (Jenkins/Ansible/Bash/JACL/wsadmin) for automated build/deploy and SSO/OTP configuration.
- PKI/SSL infrastructure support and troubleshooting at the OS and middleware layer.

BMO Financial Group — Senior DevSecOps / App Software Engineer

Toronto, ON (contract)

Feb 2020 – May 2021 (1 yr 4 mo)

- CyberArk PAM engineering: automation of PVWA, PSM, CPM, CCP, SCIM with Ansible Tower, Jenkins, Bamboo.
- REST-API automation to create, list, modify, delete entities in CyberArk Privileged Access Security.
- Onboarding playbooks for CyberArk Vault/Safes via CI/CD tooling.
- Automated privilege access for cloud components — AWS/Azure consoles, EC2, S3, RDS.
- Maintained fully automated CI/CD (Bamboo + PowerShell); built and deployed Docker/Kubernetes to break monoliths into micro-services.

ADP — Site Reliability Engineer

Mississauga, ON (contract)

Jul 2019 – Feb 2020 (8 mo)

- On-prem UNIX/Linux/Windows infrastructure support; event-driven architecture with Ansible/Tower, Netcool, GitHub/Bitbucket.
- Automated CI/CD (BladeLogic + PowerShell); managed AWS (EC2, VPC, S3, RDS) with CloudFormation/Terraform.
- Reduced cloud cost by eliminating unnecessary servers and consolidating databases.
- Built and deployed Docker/Kubernetes to decompose monoliths; secured cloud with AWS IAM, SSO/MFA.
- Infrastructure log monitoring with Splunk and ELK.

IBM — Middleware / DevOps Consultant

Toronto, ON (contract)

Nov 2018 – Jul 2019 (9 mo)

- IBM MQ V5–V9 support across Windows, AIX, and Linux — install, upgrade, configuration, hardening.
- Automation of middleware deployment/backup/upgrade with Terraform, Ansible Tower, Git/Bitbucket.
- MQ virtualization on VMWare and Docker/Kubernetes; managed instances on IBM Bluemix.
- Application CI/CD with Jenkins/Bamboo; built automation pipelines for secure MQ infrastructure.

HSBC Commercial Banking — Middleware / DevOps Solutions Specialist

Vancouver, BC (contract)

Apr 2018 – Oct 2018 (7 mo)

- Middleware support on RHEL 7 / AIX; IBM WAS ND V8–V9 install/upgrade/configuration and app deployments.
- App build/deploy automation with Bitbucket/Jenkins/Ansible/Bash/JACL/wsadmin.
- WAS/MQ hardening; SSO/OTP configuration and troubleshooting; PKI/SSL at OS and middleware layer.

RBC — Middleware Consultant

Toronto, ON (contract)

Jun 2017 – Mar 2018 (10 mo)

- IBM MQ V7–V8 support on Windows/AIX/Linux; hardening and secure access.
- Middleware deployment/upgrade pipelines with Ansible/BladeLogic and shell scripting.
- Virtualization on VMWare/Docker and AWS/Azure; PKI/SSL support across OS and middleware.

Great-West Life — Senior Site Reliability Engineer

Toronto, ON (contract)

Oct 2016 – Jun 2017 (9 mo)

- On-prem and multi-cloud (Azure, AWS, Softlayer) infrastructure build/support; IaC with CloudFormation/Terraform.
- Designed Identity Management service (RHEL IdM core, Shibboleth IdP/SP) with app SSO on top.
- Adobe Experience Manager V6 support; Java build/deploy automation with BitBucket/Bamboo/Maven.
- PKI/SSL based on RedHat Identity Manager; monitoring with Zabbix, Splunk, ELK, Dynatrace, PagerDuty.

BMO Financial Group — IBM WebSphere Consultant

Scarborough, ON (contract)

Jun 2016 – Oct 2016 (5 mo)

- Build/configuration/support of IBM WAS/MQ/IHS on UNIX/Linux; middleware virtualization with Docker/Ansible.
- Enterprise SAML/SSO based on IBM WebSeal/TAM/Tivoli Access Manager; automation with Jenkins/Ant.
- PKI/SSL implementation and monitoring via IBM Tivoli Monitoring, ITCAM, Wily Introscope.

EARLIER CAREER (OLDER THAN 10 YEARS — CONDENSED)

- **Innovapost** — IBM MQ Solution Specialist, Mississauga (Jun 2015 – Jun 2016): Designed middleware for mobile apps (IBM MQ/MQTT, HA/DR, capacity planning); AWS/Docker virtualization; monitoring for MQ, Datapower, MessageSight, SAP on IBM ITM/ITCAM; J2EE security design.
- **BMO Financial Group** — IBM WebSphere Consultant, Toronto (Sep 2014 – Jun 2015): WAS/MQ/IHS build & support on UNIX/Linux; SAML/SSO via IBM WebSeal/TAM; Docker/Ansible middleware virtualization; Jenkins/Ant automation; PKI/SSL; ITM/ITCAM/Wily monitoring.
- **IBM** — Middleware Solution Specialist, Toronto (May 2014 – Sep 2014): WebSphere MQ v7 install/upgrade/configuration on Windows/AIX/UNIX/Linux; hardening; production troubleshooting.
- **Scotiabank** — UNIX/Linux System Administrator, Toronto (Mar 2011 – May 2014, contract): 24/7 Solaris 9/10 & RHEL 5/6 support; Apache/Tomcat/GlassFish hardening; Web-SSL; CQ5/Jenkins; Tivoli & RedHat IdM with IBM DB2 V9; WebSphere MQ/FTE HA; Zabbix/ITM/Wily monitoring.
- **IBM** — WebSphere Deployment Consultant, Mississauga (Aug 2010 – Mar 2011): Middleware rollouts; MQ on Win/HP-UX/AIX/Solaris; WebSphere Process Server support; MQ Extended Security Edition.
- **JSC Bank VTB, Russia** — System Engineer, Middleware (Nov 2007 – May 2010): IBM WAS/MQ/Process Server/IHS on Win/HP-UX/AIX/Solaris/Linux; SSL/Kerberos/TDS security; MQ FTE scripts; cross-team monitoring collaboration.
- **Alfa-Bank, Russia** — System Engineer / Monitoring Team Lead (Jan 2004 – Nov 2007): Designed bank-wide monitoring (HP OpenView, NNM, ITM/OMEGAMON/ITCAM, CiscoWorks, WhatsUp); 24/7 WebSphere MQ, Message Broker, WAS support on Win/HP-UX/AIX; PKI on Windows 2003 + TAM SSO.