MIRO ADAMY

BRATISLAVA, SLOVAKIA ·

MIRO.ADAMY@KLASSIFY.COM

DevOps Engineer with 10+ years of experience building, automating, and managing cloud infrastructure on AWS (AWS Certified Solutions Architect + Developer & AWS Certified Security Specialty). Skilled in IaaC (Terraform), CI/CD, and container orchestration using Kubernetes (Certified Kubernetes Administrator). Proven track record of improving efficiency and scalability for e-commerce and enterprise applications.

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Skills

Design and Architecture

- Distributed Systems
- Microservices
- IaaC
- CI/CD
- SaaS/PaaS/IaaS
- Machine Learning

Languages, Operating Systems & Tools

- Python
- Java
- git
- Linux
- BASH/awk/sed/Perl
- Typescript
- SQL
- C/C++
- C#

DevOps & Administration

- GitHub
- Bitbucket
- Terraform
- Cloudformation
- AWS CDK

Containers & Cloud

- [AWS](#)
- [Docker](#)
- [Kubernetes](#)
- [Linux](#)
- [Terraform](#)

Domain Experience

- Retail
- eCommerce
- Telecom
- Public sector
- FinTech
- Security

Selected Projects

2024-now - DevOps/Cloud Consultant - Freelance, remote or hybrid

Senior DevOps / Cloud Engineer and Solution architect, specializing in AWS, IaaC, CI/CD, Kubernetes, distributed systems and containerization available for short term (2 months+) or longer term contracts. Working in remote mode from EU timezone (GMT+1) for clients in EU, UK, CH, Canada/USA.

For details on skills and certifications please see https://miro-adamy.gitlab.io/.

Available for hybrid projects within CZ, SK, AT, IT, CH, DE.

Can work in English, German, Spanish, Slovak (native)/Czech.

2020-2024 - DevOps/Cloud Engineer - Pivotree, fully remote

As a result of the pandemic measures, working now in fully remote mode since March 2020 from Bratislava, Slovak Republic for Pivotree as part of the DevOps / SRE team, focusing on

automation and AWS technologies.

- AWS environments management and provisioning
- Internal training program for increasing awareness of AWS / cloud technologies
- Knowledge management and documentation as a code
- Infrastructure for OneClick development and QA environments
- Terraform / Terraform Cloud
- Python 3, Go

2018-2019 - DevOps/Cloud Engineer - Pivotree Valencia, Spain

After the merge of Thinkwrap Commerce with Tenzing and Spark::red into Pivotree, fully focused on DevOps, cloud and Microservices

- AWS environments management and provisioning
- Migration of 2 projects from DockerCloud to Kubernetes
- Internal training for Docker and Kubernetes - certification program for AWS
- AWS, Kubernetes, Docker, MongoDB
- BigData/Machine learning platform infrastructure support
- Terraform + Terraform Enterprise
- Python 3 + libraries (Spark/PySpark, NumPy, Pandas)

2016-2017 - DevOps Engineer / SRE - Thinkwrap Commerce, Valencia, Spain

Moved to the Thinkwrap Commerce branch in Spain in 2016 to build the support branch / DevOps in Spain in order to utilize the EU timezone for releases/deployments for the USA/Canada customers

DevOps Engineer / Systems Reliability Engineer

- Release management, deployments, monitoring, patching, hotfix implementation
- Linux (RHEL/Centos), Nagios, bash, Perl, httpd, Nginx, Tomcat, JBoss
- AWS EC2, S3, Docker, DockerCompose, CircleCI, Jenkins, Bitbucket
- Migrated the Gitolite platform to cloud (Bitbucket), Gitflow implementation

Various projects DevOps support

- TGIF - maintenance and enhancements of the multiple environment, release management, source code management
- Implementation of TGIF Digital Mobile Platform, upgrade to Hybris 6.x
- Hybris 6, J2EE, Tomcat, Oracle DB, Docker
- Microservices - first microservice base SpringCloud project go-live + support

- AWS EC2, DockerCloud, CircleCI, DockerHub, MongoDB
- Cloud - AWS administration, environment management and provisioning
- Linux (RHEL/Centos), Nagios, bash, Perl, httpd, Nginx, Tomcat, JBoss

2010-2015 - Thinkwrap Commerce, Ottawa, Canada

DevOps: Senior operations / Systems engineer

- Supporting and optimizing 10+ commerce systems on Oracle Commerce and SAP Hybris platforms
- Escalation point for operation issues
- Release management, deployments, monitoring, preparation and implementation of CyberSeason (Black Friday, Christmas) readiness
- Linux (RHEL/Centos), Nagios, bash, Perl, httpd, Nginx, Tomcat, JBoss AWS EC2, S3, VMWare/ESXI
- Production system performance optimization, monitoring, troubleshooting Linux, bash, httpd, JBoss, JVM tuning, Icinga monitoring, NewRelic
- Git administration, source code quality program

Internal training: technical trainer and mentor

- Designed and delivered training program for developer for Oracle Commerce 10.x/11.x platform
- Ran 3 training camps, trained over 15 people
- TGIF Fridays: Implementation of TGIF Digital Mobile Platform
- SAP Hybris 5.x, J2EE, Oracle DB, Tomcat, Mule

Oracle Commerce (ATG, Endeca) enhancements and new features implementation

- Oracle Commerce 10.x, J2EE, Oracle DB, JBoss, Linux, Apache HTTPD, Nginx
- Woolrich, Garage/Dynamite - retail Websites based on Oracle Commerce

Team Lead / Architect - eCommerce

- ATG Commerce enhancements and B2B implementation
- Conversion to multisite, adding B2B store, custom integration points with PeopleSoft and CRM system new payment system integration (SVDot / FirstData)

Sysadmin / DevOps / SRE

- Git administration and troubleshooting, IT infrastructure support
- Linux, OS-X, VMWare / ESXI, Apache HTTPD, Nginx

- VM preparation for ATG development
- Linux, VMWare, scripting, bash, Python, Git administration
- Designed and implemented the move of all corporate source code repositories from SVN to Git (implementation of Gitolite for all projects + administration)
- Loyalty.ca - loyalty program enhancement implementation
- Entertainment industry - Cineplex

Team Lead / Architect / Implementation - ATG Oracle Commerce

- Client: Media Company / Telecom
- ATG 2007.1, ATG9, ATG10 - J2EE, JBoss, Tomcat, Apache HTTP, Linux
- PayPal integration
- Integration of content streaming devices (Samsung TV) with ATG Store back end develeopment
- Environment setup for in-house development of ATG 10 applications
- Store enhancements to support digital goods, integration with content providers
- ATG Commerce search reimplementation (replacing former system integrators)

2004-2009 - Thinknostic, Ottawa, Canada / Toronto, Canada

Cofounder of Thinknostic

- small startup that grew, rebranded as Thinkwrap and got acquired by Pivotree

Team lead / implementation lead

- ATG9, ATG 2007.1 - Java J2EE
- Personalization enhancements for marketing campaigns
- Content management, B2C, content provider integration

Consultant / team enhancement

- Replatforming of securities investment management system
- Microsoft .NET / C#

Senior developer / Architect

- Business intelligence system for fleet tire management
- Microsoft .NET / ASP.NET / C# / SQL Server

Architect + Senior consultant/developer

- Airline industry / biometrics

- Airport security facial recognition system
- Microsoft .NET / C#

Senior consultant

- Client: Government of Canada
- Visa application processing
- J2EE, Spring framework, Spring MVC, iBatis, Groovy
- Siebel integration

1993-2003 - Projects in Austria, Switzerland, Slovakia, USA and Canada

Tech lead, Ottawa, Canada

- Tech lead / team lead (teams sized 4-8)
- Document management system implementation - J2EE / Oracle, Struts, Tomcat
- Clients: Government of Canada - Virtual trade commissioner portal
- ATG customizations - ATG5.1, Personalization
- Product and catalog management system for Nortel Networks - J2EE, servlets, JSP
- Health industry, automotive
- MS .NET, C#, ASP.NET, WinForms

Consultant - Merrill Lynch, New Jersey, USA

- Voice recognition system enhancements for benefit management
- Windows NT, MFC, C++, C++ Template Library, Oracle

Consultant / Independent software developer (Switzerland, Austria)

- Simultan AG Altishofen, Luzern, Switzerland / Simultan GmbH Wien, Austria
- GIS (Intergraph) - GIS system implementation (C/C++ / ActiveX)
- custom ERP / accounting system implementation and enhancement
- Implementation of VAT system for Austria
- C / C++, Novell, Assembler x86, Perl, OS/2, Windows

Human languages

English - C2

- Lived in English speaking country for 18 years

German - C1

- fluent, lived/worked in German speaking countries for over 4 years

Spanish - B2/C1

- active, lived in Spain for 4 years

Slovak - native

- mother tongue

Czech - native/bilingual

- Grew up bilingual Czech+Slovak

Russian - A2-B1

- Mostly passive

Dual citizenship: Canada and EU (Slovak Republic)

Able to work legally in any EU state and Canada

Education and Certifications

Slovak Technical University

- Master of Science
- Computer Science - Software Engineering

Certified Kubernetes Administrator

- [Cloud Native Computing Foundation 2024 => 2027](#)

AWS Certified Security Specialty

- [2023 => 2026](#)

AWS Certified Solution Architect, Associate

- [2018, 2021 => 2024](#)

AWS Certified Solution Developer, Associate

- [2018, 2021 => 2024](#)

Oracle ATG Web Commerce

- Commerce Suite Certified Implementation Specialist, 2011

Sun Certifications - Java

- Enterprise Architect,
- Java Developer
- Web Component Developer

- [AWS Certified Solutions Architect Associate]

- [AWS Certified Developer Associate]

- [Certified Kubernetes Administrator](#)

Contacts

- [Resume](#)
- [LinkedIn](#)
- [Github](#)
- [StackOverflow](#)
- [Old blog](#)