

Synopsis

Over 28 years of experience in design, development, implementation and operation / DevOps. Emphasis on cloud, microservices, client-server technology, Web based solutions, distributed / networked systems and Internet technologies. Multi-lingual, well travelled experienced professional - worked and lived in 7 countries on two continents.

Certifications:

- AWS Certified Solution Architect - Associate
- AWS Certified Solution Developer - Associate
- Oracle ATG Web Commerce Suite Certified Implementation Specialist
- Sun Certified Enterprise Architect, Sun Certified Java 2 Developer and Web Component Developer, Microsoft Certified Solution Developer.

Education

MSc - Electrical Engineering and Computer Science, Slovak Technical University, Bratislava, Slovak Republic (5 year program)

Experience

Operating Systems

Linux (RHEL, Centos, Ubuntu), Mac OS-X, MS Windows NT/2000/XP/Win7

Programming Languages

Java, Python, bash, Groovy, Javascript, C#, C++, Objective C, SQL (T-SQL, PL/SQL), Perl

Core Technologies / Frameworks / Tools

- DevOps
 - Monitoring, Release management, Deployment and Testing automation, scripting (bash, Python, Perl), build automation - Gradle, CircleCI, Jenkins, Bitbucket
 - Docker + ecosystem (docker-compose, DockerHub, DockerSwarm)
 - Kubernetes, microservices - SpringCloud
 - IaaS - Terraform, Cloudformation, AWS CDK
- Cloud infrastructure
 - AWS services, security, Cloudformation
 - Databases - RDS (MySQL, Oracle), DynamoDB, Aurora, MongoDB
- Linux - system administration and networking, Apache httpd, Nginx
- J2EE: Servlets, JSP, JSTL, JDBC, JMS, EJB, RMI, JNDI
- Python 2.x/3.x, NumPy, Pandas, SciKit, Spark

- Oracle Commerce / ATG - B2C, B2B, CA, JBoss, Tomcat, SAP Hybris Commerce
- Spring framework, Grails, SpringCloud
- Databases: Oracle DB, MS SQL Server, MySQL + cloud NoSQL databases

Domain experience

- Retail (soft and hard goods), Entertainment and media
- Telecom, Financial Sector
- Public sector / Government of Canada
- Biometric Security + Airline, Health and medicine, GIS

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 - living in Spain for 3+ years)
- Slovak (native)
- Czech (C2 - bilingual)
- Russian (A2-B1 - mostly passive)
- Hungarian (A1 passive)
- Italian (A1 passive)

Legal status

- Dual citizenship - Canada and European Union (Slovak Republic)
- Able to work legally in any EU state and Canada

Project highlights by year

(roles and responsibilities, client / industry, selected tools/technologies used)

2018, 2019 Pivotree Valencia, Spain

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

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

2016, 2017 - Thinkwrap Commerce, Valencia, Spain

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

2014, 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
 - Run 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

2012, 2013 - Thinkwrap Commerce, Ottawa, Canada

- Team Lead / Architect (team 3 to 6) - 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)
- DevOps: Git administration and troubleshooting, IT infrastructure support
 - Linux, OS-X, VMWare / ESXI, Apache HTTPD, Nginx
 - VM preparation for ATG development
- Sysadmin/DevOps: Linux, VMWare, scripting, bash, Python, Git administration
 - Designed and implemented 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

2011 - Thinkwrap Commerce, Ottawa, Canada

- Team Lead / Architect / Implementation (team 3 to 4)
- 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
 - dev. environment setup for in-house development of ATG 10 applications

2010 - Thinkwrap Solutions (evolution of Thinknostic), Ottawa, Canada

- Team Lead / Architect / Implementation (team 5 to 9)
- ATG2007.1, J2EE, JBoss, Tomcat, Apache HTTP, Linux
 - store enhancements to support digital goods, integration with content providers
 - ATG Commerce search reimplemention (replacing former system integrators)

2007-2009 - Thinknostic, Ottawa, Canada / Toronto, Canada

- Team lead / implementation lead
- Consultant / team enhancement
 - Replatforming of securities investment management system
 - Microsoft .NET / C#
- Senior developer / Architect
 - ATG9, ATG 2007.1 - Java J2EE,
 - personalization enhancements for marketing campaigns
 - content management, B2C, content provider integration,
 - Business intelligence system for fleet tire management
 - Microsoft .NET / ASP.NET / C# / SQL Server

2004-2006 - Thinknastic, Ottawa, Canada

- Cofounder of Thinknastic
- Architect + Senior consultant/developer - implementation lead (team of 14)
- Airline industry / biometrics
 - Airport security facial recognition system
 - Microsoft .NET / ASP.NET / C# / SQL Server
- Client: Government of Canada
 - Visa application processing
 - J2EE, Spring framework, Spring MVC, iBatis, Groovy
 - Siebel integration

2003 Independent consultant - Ottawa, Canada

- developer / consultant
- projects for clients in Europe: health industry, automotive (teleworking from Canada)
- MS .NET, C#, ASP.NET, WinForms

1999-2002 - Montage IT Services, 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

1998 - New Jersey, USA

- Merrill Lynch, New Jersey, USA
- voice recognition system enhancements for benefit management
- Windows NT, MFC, C++ C++ Template Library, Oracle

1995-1997 Altishofen, Switzerland / Wien, Austria

- Software developer
- Client: Simultan AG Altishofen, Luzern / Simultan GmbH Wien
 - C and C++, Perl, OS/2, Windows

1990-1995 (Czechoslovakia => Slovak Republic, Switzerland, Austria)

- teaching assistant at Technical University: system programming, operating systems
- system administrator (Unix, VAX-11/780)
- Consultant / Independent software developer
 - GIS (Intergraph) - GIS system implementation (C/C++ / ActiveX)
 - (C / C++, Novell, Assembler x86, PDP11, Lisp)