DURO M. ORAVSKY

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EXPERT MIDDLEWARE AND WEB SPECIALIST
Design, Implement, Monitor and Administer Web Applications

Recognized veteran **Middleware and Web Specialist** with fresh insight, passion for innovation and proven track record in designing, implementing, monitoring, administering, performance tuning and testing web applications. Detail oriented with demonstrated ability to manage large scale production systems. Confident decision-maker and effective problem solver, able to work independently or lead a dedicated result oriented team. Excellent background and qualifications in **Cloud**, **Containers and Web related technologies**. Multilingual working experience with large international companies.

CAREER OBJECTIVE

To obtain **challenging Senior Position** with focus on designing, delivering and managing successful cloud based Web Applications, in well established company **in the Greater Ottawa Area.**

EXPERTISE

Web Technologies:

Middleware	**JBoss 4,5,6,7; IBM WebSphere 4,5,6,7,8; Tomcat 6,7,8; PHP**
Web Servers; LBs	**Apache 2.X; IBM HTTP Web Server; IIS 5,6,7; Nginx, NginxPlus; Pound**
Content Management	**ATG 9, 10,11; Oracle WebCentre Sites 7,10; SAP Hybris**
Scripting	**JBOSS CLI, ANT; WSADMIN; WSCP; JACL**

Monitoring and Testing:

Monitoring	**Nagios; Icinga; Grafana; ManageEngine's Applications Manager; PureAgent**
Log Analyzers	**GoAccess; WeblogExpert; Analog; WebTrends; Custom Scripts in Perl; Munin**
Web Scripting	**Perl; Wget; Openssl; Minq's PureTest; Firefox's extensions; Fiddler; Postman**
Load Testing	**JMeter; Mercury's Loadrunner, Radview's WebLoad; Minq's PureLoad**
Troubleshooting	**WireShark; Fiddler; VisualVM; JMXTerm**

Operating Systems:

UNIX	**Linux Redhat 5,6,7; Centos 5,6,7; Debian; AIX; Sun Solaris**
Windows	**Windows Server 2008, 2012**
Monitoring	**Nmon**

Programming:

Shells	**SH, BASH, KSH; CSH**
Languages	**C; Java; Perl**
Web	**HTML; CSS; JavaScript; SSI; Java Applets; CGI; XML; XSLT; mod_rewrite**
DB	**SQL; PL/SQL**

Cloud Services:

Cloud Providers	**Amazon Web Services; RackSpace**
CDN Providers	**Akamai; CloudFlare**
Monitoring	**SmartBear; NewRelic; DynaTrace; Nginx Amplify; Loggly; PaperTrail; Splunk**

Others:

Virtualization	**Docker; VMWare; VirtualBox**
Version Management	**GIT; SVN**
DB	**Administration of ORACLE 9i, 8i, 7.3.4 , Oracle Enterprise Manager (OEM), SqlPlus, JDeveloper, SQL Developer; Toad**
PKI	**keytool; openssl; pk12util, certutil**
Analytics	**Google Analytics; ScreamingFrog; Xenu**

PROFESSIONAL EXPERIENCE

THINKWRAP COMMERCE, Ottawa, Canada   2015 – present
www.thinkwrap.com

EXPERT SYSTEM ENGINEER AND ENVIRONMENT SPECIALIST

Thinkwrap Commerce is a **canadian e-Commerce** company, #159 in 2016 in the list of Canadian IT companies
Projects for more than 15 large Canadian and American customers with e-Commerce platforms

Achievements - Technical

- Supported over 15 e-Commerce customers in their production environments using Jboss and Tomcat
- Helped to design new **SAP Hybris** based environments with Tomcat as application server.
- Supported and Maintained full stack of **Oracle ATG** installations running corporate online store for customers like Princess Auto, Simons, Woolrich and SportingLife.
- Designed , Developed and Maintained custom monitoring system, that enabled Thinkwrap to have easy to use, detailed control over current status of each complex production system.
- Designed , Developed and Maintained custom log parsing system for **Apache/NGINX**, **Jboss/Tomcat** and SOLR logs, that enabled Thinkwrap detailed understanding of traffic patterns, crawler activity and D/DOS attacks.
- Designed and Implemented regular **LogAnalysis** and **LogReview** process, that allowed Thinkwrap to better manage production environments by understanding the Application Server logs.
- Performed full Environment **Performance Reviews** for all customers and suggested steps to improve stability, capacity and failover capabilities of Production environments for Black Friday sales.
- Supported and facilitated LoadTesting activities for selected customers using **Jmeter** scripts.
- Involved in reviewing RACI metrics with selected customers.
- Designed and Implemented bot protection system that allowed Thinkwrap to prevent D/DOS attacks and crawling.
- Served as 3rd Level Escalation Subject Matter Expert for On-Call Personal
- Improved Thinkwrap Documentation by collecting capacity and performance related settings of each environment
- Involved in Daily Operation of all Production environments
- Regularly reviewed all Production Environments against Critical Security Patches released by vendors.
- Implemented and Managed usage of **New Relic Digital Intelligence Platform** for selected group of customers.
- Managed **Amazon Web Services** based Production environments
- Supported Implementation of **CloudFlare CDN** for multiple customers.
- Setup and Maintained External Web Monitoring solution using **SmartBear** platform.
- Supported availability **monitoring for all elements of the production infrastructure** using **Icinga** .
- Helped to Manage elements of **PKI infrastructure** for ThinkWrap's customers, including SSL certificates, keystores and administered SSL key signing process.
- Served as a senior Subject Matter Expert, troubleshooted numerous issues on all levels of technology stack.

Achievements – Management

- Managed small environment team, responsible for creation of environments for new customers.
- Developed and Implemented Process for environment Handover and Takeover from/to customers
- Prepared and Trained the Support Team for activities during Peak Traffic Periods like Black Friday.
- Lead War Room activities during Peak Traffic Periods like Black Friday, Cyber Monday and Christmas.
- As part of Management Team, contributed to Employee Performance Reviews, Strategic Planning and represented the Support Team at company level meetings.

COREL CORPORATION, Ottawa, Canada   2007 – 2015
www.corel.com

EXPERT MIDDLEWARE ADMINISTRATOR, SENIOR ENVIRONMENT ARCHITECT
Corel Corporation is **Canadian Software** company, leading supplier of graphical software
Projects for all company's dynamic web applications and integration with 3rd party suppliers.
Achievements

- Planned, Architected, Installed, Configured and Supported **over 10 JBOSS installations** with up to 6 different Applications Servers each, 4 WebSphere installations in a cluster mode.
- Supported and Maintained full stack of ATG installations, which was running corporate website and online store.
- Supported and Maintained Oracle WebCenter Sites installations, which was running corporate "in product messaging" platform.
- Designed , Developed and Maintained custom **Administration Suite using Jenkins, SH and ANT** scripts to automate all day-to-day tasks involved in administering the entire Web and JBOSS environments.
- Deployed and Supported over 20 corporate and B2C production web applications on regular basis.
- Contributed to company's overall infrastructure architecture with regards to **capacity planning, failover and scalability of production environments.**
- Set Up fully load balanced, fault tollerant Web and JBOSS production environments from scratch, including **Apache Server, JBOSS, ATG** framework and custom J2EE extensions.
- Designed, Configured and Maintained availability **monitoring for all artifacts of the production web infrastructure** using Manage Engine's Applications Manager, external Webmetrics.
- Provided **Service Level Agreement Reporting** for the executives.
- Planned, Setup and Maintained external web caching for major company websites using AKAMAI CDN.
- Lead **Load Testing efforts for all production B2C Web Applications** by using Mercury's LoadRunner and JMeter, developing fitting customer behaviour model and improving the load testing process and documentation.
- Planned and Executed extensive **performance fine-tuning** of all production JBOSS Application Servers.
- **Maintained** Web, JBOSS and ATG **security up-to-date,** by reviewing and applying **latest security patches.**
- Supported 2 successful migrations from WebSphere to JBOSS Middleware, for various Corel product platforms.
- Over 8 years, Supported 3 migrations of corporate Data Centre, latest **migration to Amazon Web Services** cloud.
- Managed elements of Corel's **PKI infrastructure** including SSL certificates, keystores and administered SSL key signing process using Entrust's web interface.
- Served as resident Subject Matter Expert, troubleshooted numerous issues on all levels of technology stack.
- Administered local installation of Atlassians JIRA and WIKI products.
- Worked with Marketing team to Setup and Maintain SEO strategy using webserver URL rewriting.
- Helped to establish and Supported ITIL based Release Management Practice for all production artifacts.
- Developed custom Content Management System for publishing static web artifacts and redirects.

DAVIS+HENDERSON, Toronto, Canada   2001 – 2007
www.dhltd.com

SENIOR WEBSPHERE AND WEB ADMINISTRATOR
Davis+Henderson is leading financial technology provider in serving the **Canadian Financial Institutions** since 1875
Projects for all major Canadian Financial Institutions to support **Internet Cheque Ordering**.
Achievements

- Planned, Architected, Installed, Configured and Supported **over 15 WebSphere installations** with 16 different Applications Servers each
- Designed , Developed and Maintained **Script Administration Suite using WSADMIN, KSH and JACL** scripts to automate all day-to-day tasks involved in administering the entire Web and WebSphere environment
- Deployed and Supported over 20 corporate and B2C production web applications on regular basis
- Contributed to company's overall hardware infrastructure architecture in **capacity planning, failover disaster recovery and scalability of production environments**
- Set Up fully load balanced Web and WebSphere production environments from scratch, including **IBM HTTP Server, IBM WebSphere, IBM Directory Server** and custom legacy J2EE extensions
- Designed, Configured and Maintained scripts for availability **monitoring for all elements of the production web infrastructure** using Mercury Interactive's SiteScope and SiteSeer.

- Designed and Supported **Service Level Agreement Monitoring and Reporting** for the executives using Gomez Monitoring Portfolio
- Supported and Contributed to **Load Testing for all production B2C Web Applications** by using WebLoad, developing fitting customer behaviour model and improving the load testing process and documentation.
- Planned and Executed extensive **performance fine-tuning** of all production WebSphere Application Servers
- **Maintained** Web and WebSphere **security up-to-date** by reviewing and applying **latest security patches**
- Architected, Set Up, Maintained and Tested company's **Disaster and Recover environment** for all critical corporate and B2C web applications
- Supported migration of legacy java web applications to existing J2EE WebSphere platform as well as WebSphere **migration from version 4.0.7 to version 5.1.1**
- Contributed to company's efforts of implementing **internal controls based on ITIL**, by writing numerous whitepapers on areas of expertise.
- Designed and Fine-Tuned **Release Management Processes** to minimize risk and customer impact for releases to production environment
- Managed elements of D+H's **PKI infrastructure** including SSL certificates, keystores and proprietary encryption/decryption keys and libraries and administer SSL key signing process using Entrust's web interface

WEB APPLICATIONS TEAM LEADER
Achievements
- **Lead Team** of 4 to develop **Internet Cheque Ordering** Application for Credit Union DesJardins.
- Provided **Expertise** in designing proprietary **Java Web Application**
- Developed and Maintained artifacts for new Web Applications
- Developed and Maintained Stored Procedures, Triggers and Packages in **PL/SQL**

REUTERS, Switzerland   2001
www.reuters.com

WEB DEVELOPER
Reuters is world leading global news and information company.
Project for custom live stock exchange monitoring web application.
Achievements
- Analyzed and Prototyped new Dynamic Web Pages Project using **XML** data format and **XSL Transformations** exceeding **2000** lines of code in JS and HTML, and over **1500** lines of code in **XSLT.**
- Contributed to developing dynamic custom JavaScript menu for flagship web applications **The Markets Server** and **The Markets Monitor**

SWH SIEMENS Business Services Ltd, Austria   1997 – 2001
www.siemens.at

SOFTWARE ENGINEER / DATABASE DEVELOPER
Siemens is international corporation and technological leader in **Energy Management Software**.
Projects for major local Power Suppliers worldwide including **Germany,** Singapore, Colombia and **Switzerland**.
Achievements:
- Developed and Maintained sophisticated **Oracle GUI** application as member of team, which was extending proprietary **Siemens** Energy Management Systems using **Forms, SQL, PL/SQL, C, Pro*C, Pascal,** and **C-Shell scripts** on **SUN Solaris UNIX.**
- Prototyped and Developed new add-ins for Distributed European Energy Management System, based on **North American** power Model, using **Oracle Developer 2000, PL/SQL** and **Perl**.
- Developed and Maintained over **350** Stored Procedures, Triggers and Packages in **PL/SQL**.
- **Constructed** and **Tuned** more than 1000 complex **SQL queries**.
- Designed and Developed Intranet Web for SWH Department in Siemens Corporate Style

INFOSTAT - Institute for Informatics and Statistics, Slovak Republic 1995 – 1997
www.infostat.sk

> ### DATABASE DEVELOPER
> **Infostat** is National Statistics Agency of Slovakia, conducting major projects of governmental statistical researches.
> **Projects** for Processing of collected Economical Data

RECENT PROFESSIONAL TRAINING

LINUX ACADEMY	Docker Containers (2017), AWS Administration (2017), NGINX Caching (2017)
REDHAT	Redhat Summit (2016) **,** JBoss Application Administration (2013, 2011)
IBM	WebSphere Extended Deployment (2006), WebSphere Performance Tuning v5 (2005), WebSphere Migration v5 (2005), WebSphere Administration v5 (2004), WebSphere Administration v4 (2002)
ORACLE	Developer 2000 - Forms 5 (2000), WEB DB - Building Web Sites and Web Portals iDevelop (2000), Network Administration (2000), Backup and Recovery (2000), Database Administration (1999), Performance and Tuning (1999)
SIEMENS	Usability in Graphical User Interfaces (2000), System Development Methodology (1999), UNIX courses (1998)

EDUCATION

Comenius University, Slovakia	Master of Science in Theoretical Physics (1994)
Technical University, Austria	Students Exchange Program (1992)

INTEREST

Ultimate Frisbee	3 time participant at World Championship (1999, 2000, 2010) 3 time participant at USA Championship (2003, 2004, 2006) 2007 Silver Medal Masters Division at Canadian Championship

References available upon request