

Milan Trninić

Software Architect

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Profile

A lifelong technology enthusiast with strong architectural drive to abstract, conceptualize and patternize business and technical processes.

Highlights

- Strong experience with state-of-the-art technologies: cloud, serverless, microservices, containers.
- Extensive experience with Java platform, web services, agile, modeling and databases (relational, document, hierarchical, custom)
- Highly skilled with all stages of SDLC; from idea conception through completion.
- Smooth leading and coordinating physically distributed technical teams.
- Authored elements of Geography Markup Language (ISO, OpenGIS).
- Delivered courses, presented achievements, advocated ideas at large conferences and work-groups.
- Collaborated with people from many international organizations: Hitachi, NTT Japan, Shell Oil, government bodies (Canada, US, UK, EU), Microsoft, Oracle, ESRI ...

Professional Experience

2016 – present Software Architect Sr. Software Engineer Crossover USA / Serbia	<ul style="list-style-type: none">□ Cloud integration solutions development□ Disparate, on-demand, business automation solutions <p><i>AWS cloud, Azure, Microservices, Docker, Kubernetes, Lambda / serverless, NodeJS, Angular, Java, .Net</i></p>
2006 – present Owner Konceptis Software	<ul style="list-style-type: none">□ A utility company for contracting arrangements□ Development and consulting (e.g. slovomajstor.com for diacritics restoration)
2012 - 2016 Technical Lead Solution Architect Ericsson (Telocell) Canada / Serbia	<ul style="list-style-type: none">□ Led and coordinated teams in several timezones: from Pacific, EST, Europe to Middle East and India <p><i>J2EE, Telecom Web Portal, WebLogic, SOA, REST, Amdocs OMS, Oracle</i></p>
2011 Sr. Software Engineer Telenor, Serbia	<ul style="list-style-type: none">□ Full development cycle of a high-throughput Mobile Number Portability Gateway for local mobile providers. <p><i>J2EE, SOA, Web Services, Oracle RAC, SoapUI, NetBeans</i></p>
2008 – 2010 Enterprise Architect Pacific Blue Cross Canada	<ul style="list-style-type: none">□ Strategic consolidation and transitioning to SOA of insurance information systems. <p><i>J2EE, .NET, SOA, Web Services, Sonic ESB, iWay, Oracle, SQL Server, TOGAF, Sparx EA</i></p> <p>Products: <i>Benefit Management System, Paperless office (Enterprise Document Management), NeCST (national HL7v3 e-claims insurance network) integration</i></p>
2006 – 2008 System Analyst Telus, Canada	<ul style="list-style-type: none">□ Two official releases of a large distributed Order Processing system. <p><i>J2EE, Weblogic, Amdocs OMS, Oracle</i></p>

<p>2000 – 2006 Product Architect Sr. Software Engineer Galdos Systems Canada</p>	<ul style="list-style-type: none"> ❑ Building the GeoWeb - technologies and systems for geo-spatial web infrastructure. ❑ Product architect and technical product owner of Web Map Service for interoperable discovery and raster / vector visualization of geo-spatial GML data. ❑ Author, editor, contributor to OpenGIS specifications and ISO standards (GML, WFS, Filter, WMS). ❑ Researched and developed standards and products for geometry, topology, metadata, coordinate reference systems, location services, styling. <p><i>J2EE, GML, SOA, Web Services, XML, W3C, OpenGIS, ISO, IETF, RM-ODP, 4+1 View Model, .NET, Apache, Jetty, Hibernate, Oracle, Xhive no-sql XML DB, SAML/XACML, Javascript</i></p> <p>Products: <i>Geography Markup Language, Web Map / Feature Services, Coordinate Reference System Registry, Land Information Model, Transportation Sensor Network, Hydrographic Data Visualization, Census Data Management, SAML/XACML security portal, 3D GML, GML for JPEG2000, GUI frameworks.</i></p>
<p>1999 Software Engineer Creo (Kodak) Canada</p>	<ul style="list-style-type: none"> ❑ Release management for company's digital printing workflow software system. <p><i>Unix, shell, Perl, ClearCase</i></p>
<p>1997 – 1999 Software Engineer Scientific-Atlanta (Cisco), Canada</p>	<ul style="list-style-type: none"> ❑ Full development cycle of a distributed Headend Management System for automation of CATV headends. <p><i>C++, full Corba interop, POSIX, MFC, Java, Windows, Solaris Unix, numerous device protocols</i></p>

Education, Training and Designations

2023	AWS Certified Solutions Architect - Associate	AWS Training and Certification
2016	Certified SOA Architect (SOACA Certification)	Arcitura (soaschool.com), Canada
2010	HL7 training (v2, v3, CDA)	HL7 International (hl7.org), MI, USA
2006	Certified Scrum Master	NetObjectives, Bellevue, WA, USA
2005	M.Sc. designation	The Trustforte Corp, NY, USA
1996	B.Sc. Computer Technology and Informatics,	University of Niš, Serbia

Publications

- ❑ *[Specification, standard, contributing author]* "Geography Markup Language", OpenGIS, ISO, 2000 – 2003
- ❑ *[Book, contributing author]* "Geography Mark-Up Language: Foundation for the Geo-Web", Wiley, 2004
- ❑ *Full list at <http://www.konceptis.com> -- Publications*

Services and affiliations

2011 - 2013	Tutor, e-learning	HL7.org, USA
2008 - 2010	Volunteer Reviewer	IEEE Software, USA
2006 - 2010	Member	International Association of Software Architects, USA
2001 - 2006	Revision Working Groups (GML, WMS, SLD, etc.)	Open Geospatial Consortium, USA

Language Proficiency

- ❑ Serbian Native
- ❑ English Fluent
- ❑ French Basic