

PROFILE

Versatile senior IT professional with 15+ years of experience in the industry as hands-on architect and leader of cross functional teams driving strategic initiatives or products from inception to completion using pragmatic development methodologies. Proven ability to bootstrap new initiatives and introduce new technologies and tools in the enterprise.

PROFESSIONAL EXPERIENCE (HIGHLIGHTS)

Head, Data Analytics Platform Engineering, RBC, Toronto
Director, Principal Architect, RBC, Toronto
Associate Director, Technical Architect, RBC CM, Toronto

2012-now

- Head of Engineering for the Internal Audit Data Analytics Platform leading a team of 11 engineers/ full-stack developers & data scientists responsible with the definition of the strategy for the Analytics Platform and driving its execution and implementation.
- Principal Architect driving the technical strategy for various transformational initiatives and programs. E.g Big Data & Lambda Architecture, Private Cloud, Agile & DevOps Practice
- Responsible for definition and adoption of enterprise wide operating models, architecture standards, policies and technology strategy/ direction for RBC Capital Markets IT
- Leadership role for various strategic initiatives in the RBC Capital Markets Back-Office, working closely with the business partners and development teams to define and deliver them to successful completion
- Manager of the CM Back-Office Group Architecture development team in Toronto

Enterprise Architect, HP, Toronto

2008-2012

- Member of HP Enterprise Architecture Group consulting for financial industry
- Lead architect working with cross-functional teams, driving the pursuit and solutions from inception to completion
- Responsible with the technical direction and implementation initiatives for the client Enterprise Message Bus and Wealth Management Software Platform
- Work on unsolicited business proposals, formulate strategies & solutions and present them to client's senior executives and management teams

Senior Software Architect, Platespin (acquired by Novell), Toronto

2007-2008

- Prepared architectural assessments for existing Platespin portfolio of products and present to the executive team and senior management
- Lead the product development for the Workflow Portability Service API. Mentor, guide, re-view the code, communicate plans to the development team
- Focal point for architecture, design and development methodologies best practices

Product Architect, Team Lead, Cryptologic, Toronto

2006-2007

Advisory Software Developer & Architect, Team Lead, IBM Canada, Toronto **2003-2006**

- Member of Tivoli Advanced Technology Group, team of selected architects, responsible with the architecture and development of Tivoli Provisioning Manager and Tivoli Intelligent Orchestrator
- Work with IBM research groups on research projects and provide mentorship for PhD students working at the Toronto Software Lab Centre for Advanced Studies
- Co-authored few patents and published papers at various conferences as CASCON 2004, 2005 and NOAMS 2006.

Senior Software Developer, Technical Lead, Platform Computing, Toronto **2001-2003**

Senior Software Developer, ServiceSoft, Toronto **2000-2001**

Senior Manager, DSS, Timisoara, Romania **1996-2000**

PERSONAL PROJECTS

Founder, Beaufield Atelier, Toronto **2010-2011**

- Architected and developed applications for Apple devices: www.beaufieldatelier.com

TECHNICAL SKILLS

Java/J2EE, JavaScript, Python, C/C++, Objective-C, R	Oracle, MS-SQL, DB2, MongoDB, SQLite	HTML, CSS, Bootstrap, AngularJS, ReactJS, jQuery, Connect, Express
WebLogic, WebSphere, Tomcat, JBoss, Apache, NodeJS	GigaSpaces, Spring, Hibernate, JMS, WebServices, REST	TDD (JUnit, Mocha), Continuous Integration, Maven, Ant, Make, NPM
Windows, Linux, UNIX, iOS	Mercurial, Git, SVN, CVS, Application Lifecycle and Release Management	System Programming, Distributed Programming, SOA, Big Data
DevOps, Datacenter Automation, Cloud Computing, Cloud Foundry (Bluemix & Pivotal), AWS	Eclipse, IntelliJ IDEA, WebStorm, XCode, Visual Studio	OOA&D, OOP, Functional Programming, Agile Methodologies, SCRUM, RUP

EDUCATION

University of Timisoara, 1996, Timisoara, Romania

Faculty of Mathematics, B.Sc. in Computer Science - GPA 9/10