

# Alex Kurylovich

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## OBJECTIVE

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I am a software developer with over 20+ years' experience, who has been exposed to a wide array of tasks, technologies, and industries (insurance, banking, and automation with low level programming languages). Currently searching for a back-end service development heavy role, including legacy systems upgrade.

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## TECHNICAL SKILLS

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- **Languages:** Java, C++, Python, JavaScript, HTML, CSS, SQL (Oracle, DB2, MySQL, PostgreSQL)
- **Frameworks/Libraries:** J2EE, Spring Boot, Kafka/ActiveMQ, Apache Struts, JUnit, Jasper Reports, JSP, JSF, JPA/Hibernate, MyBatis
- **Development tools:** IntelliJ IDEA, Eclipse, Visual Studio Code, Git, SVN, Maven, Jenkins, GitHub, Bitbucket, Jira
- **Application Servers/Containers:** Red Hat OpenShift, Docker, Apache Tomcat, BEA WebLogic, IBM WebSphere, JBoss
- **Cloud platforms:** Microsoft Azure
- **Concepts:** Microservices, Service Oriented Architecture, Messaging, REST, SOAP, AJAX, WSDL.

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## PROFESSIONAL EXPERIENCE

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### Software Developer

RBC Capital Markets, Toronto, ON  
October 2022 –  
October 2023

October 2022 –  
October 2023

- Design and development the new on-boarding web application for commercial clients. Layers include UI web application, micro-services server side application, company legacy back end, Microsoft Azure infrastructure
- Built with Java 11+, Spring Boot micro-services. Deployed to Azure Kubernetes Service.
- Development, building, deployment, testing life cycle relies on pipeline tasks including run build tasks with unit testing, run code check and vulnerability tasks, deploying in Azure containers and run applications.
- Projects management relies on Jira/ Confluence following Agile principals.

### Developer Specialist

BMO Financial Group, Toronto, ON

March 2018 - September 2020

- Developed and maintained the next generation of online client financial applications. It's based on separation of concerns: UI, service side, and company legacy backend.
- Built with Java 8, Spring Boot, Angular, deployed on a Linux Red Hat server, OpenShift container platform.
- Designed APIs following microservices architecture based on REST principles.
- Full software development life cycle including, builds, unit tests, deployment, logging tools. The infrastructure was based on Bitbucket/Jira/Confluence/Jenkins/Bamboo/Elk.

### Senior Software Developer

CGI Group Inc., Markham, ON  
2017

March 2001 - November

- Operated in an agile environment that developed and designed the next generation Mvest portfolios management platform.
- Involved in design and architecture discussions and meetings.

- Built with Java, Spring, Spring Integration, Spring Batch, My Batis, Eclipse/Hibernate JPA, Junit, Jasper Reports, Oracle 12, Angular, deployed on a Linux Red Hat server.
- Designed APIs following REST principals with JSON replacing the original SOAP communication, followed a MVC architecture.
- Adapted a variety of design patterns and programming paradigms such as interceptor, dependency injection, and aspect-oriented programming.
- Supported a continuous integration infrastructure for a full software development life cycle including, builds, unit tests, and automatic deployment. Infrastructure was based on a Bamboo build server with Jira Software, Bitbucket, and Crucible.
- Migrate web application from WebLogic licensed server to open-source Tomcat eliminating all application server implementations like EJB and JMS.
- Worked on the design and development solutions for different clients such as TD, BMO, Economical Insurance, and Bell Canada.

### **Software Developer**

*Automatisierungstechnik GmbH, Germany Essen*

*1995 – 2000*

- Produced and maintained high-level software for real-time control systems of complex automated galvanic lines using an original planning algorithm with C++, Windows API, and SQL Anywhere
- The software was installed and maintained internationally at enterprises in Europe, USA, Canada, and China.

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## **EDUCATION & CERTIFICATES**

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### **Master's degree, Automated Control Systems**

*Belarusian State University of Informatics and Radio electronics, Minsk, Belarus*

### **Certificates**

*Agile Management Team Building, BEA Certified Administrator, Sun Certified System Administrator for the Solaris 8 Operating Environment*