

Alex Kurylovich

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OBJECTIVE

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.

TECHNICAL SKILLS

- **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.

PROFESSIONAL EXPERIENCE

Software Developer

RBC Capital Markets, Toronto, ON
October 2023

October 2022 –

- 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.

EDUCATION & CERTIFICATES

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