

JAMES GHANDOUR

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SUMMARY

- **23+ years of Java and RDBMS**
- **18+ years of Financial Industry** software development
- **Canadian Securities Course (CSC)** certified and Oracle PL/SQL Developer Certified Associate
- **Bachelor of Commerce**, Ryerson University, *Major*: Business Information Systems, *Minor*: eBusiness

CLIENT HISTORY

TD SECURITIES	Software Consultant	Nov 2020 - Present
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Primary Technologies:

- Java, Groovy, Micronaut, Cassandra, Kafka, Gradle, Git

Main Responsibilities & Key Accomplishments:

- Designed and implemented framework to handle bitemporal history of business entities using event sourcing
- Built and maintained the build system, including migrating from Maven to Gradle and configuring CI
- Lead the migration to Azure cloud including DataDog integration
- Rebuilt the model calibration process to support live intraday calibrations of models

CAPCO	Software Consultant (Lead)	Sep 2018 - Nov 2020
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Primary Technologies:

- Java, Groovy, Spring Boot, Oracle, Docker, IBM MQ, Gradle, Git

Main Responsibilities & Key Accomplishments:

- Lead of the Gryphons pod supporting Customer/CSR, Account, Document, and Applications microservices including integrations with TSYS, LCL, and PCO
- Designed and implemented contract testing framework to assert endpoints matched OpenAPI definitions
- Converted the build from Maven to Gradle including the publishing of Docker container images
- Lead a select group for Break the World activities including the consolidation of various extraneous modules and merging Account and Customer microservices

CAPCO	Software Consultant (Lead)	Apr 2017 - Sep 2018
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Primary Technologies:

- Java, Groovy, JBoss, IBM MQ, Oracle, Spring Boot, Gradle, Jenkins, Git

Main Responsibilities & Key Accomplishments:

- Three primary responsibilities: Technical Release Manager, Architect, and Technical Lead
- Technical Release Manager responsible for modernizing the CI/CD and build systems, creating and documenting the branching strategy, development workflow and release process; constantly communicated with the client regarding releases
- Architect responsible for designing the new DocService Spring Boot application utilizing IBM MQ and Oracle and exposing a RESTful API
- Technical Lead responsible for grooming and prioritizing the technical backlog for upcoming sprints

RAKUTEN KOBO	Software Consultant	Feb 2016 - Apr 2017
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Primary Technologies:

- Java, Groovy, Tomcat, Spring, RabbitMQ, Couchbase, Elasticsearch, Solr, Elastic Stack, Gradle, Ant, Git

Main Responsibilities & Key Accomplishments:

- Sole backend developer; responsible for enhancing and maintaining the existing KWL application
- Designed and implemented integration for subscription projects (OverDrive and Kobo+)
- Designed and developed the KWL Partner RESTful API using Spring (Boot, MVC, Security) with OAuth2 including automated documentation with REST Docs, and distributed tracing
- Developed a fraud detection system for publishers payment information to limit money laundering

TD SECURITIES**Software Consultant****Sep 2015 - Feb 2016**

Primary Technologies:

- Java, Spring (Web, Security, WebSockets), Broadway TOC, Maven, Git

Main Responsibilities & Key Accomplishments:

- Developed the Global Operation FX POC using Spring with a frontend of AngularJS, Bootstrap and SockJS
- Implemented a mock object model to be used with Broadway TOC to facilitate unit testing
- Maintained and enhanced the existing FX trading platform built on Broadway TOC

LYRICAL SECURITY**Software Consultant****Aug 2015 - Sep 2015**

Primary Technologies:

- Python, Unix shell scripting, ActionScript

Main Responsibilities & Key Accomplishments:

- Used software forensics to determine code similarity of two online games in support of litigation

CIBC WORLD MARKETS**Software Consultant (Lead)****Sep 2013 - Jun 2015**

Primary Technologies:

- Java, Tomcat, Jetty, Spring, Angular, MyBatis, Solace, Catalys Node, Maven, Git

Main Responsibilities & Key Accomplishments:

- Lead development team in the design, implementation, testing, and deployment of the application
- Integration with Bloomberg TOMS via FTP, MPF, and FIX/SSL (Catalys FIX engine); configuration of TOMS TSIP and GNET
- Implemented highly efficient price publishing to Bloomberg supporting thousands of updates per second (MPF and FIX) including latency monitoring and reconciliation tools
- Exposed the FIT backend via RESTful services and pushed real-time prices secured using Spring Security
- Published enriched static data, prices, position and trades to the Solace ESB/DSB for consumption within the organization

THE GLOBE AND MAIL**Software Consultant (Lead)****Feb 2012 - Aug 2013**

Primary Technologies:

- Java, Groovy, Tomcat, Jetty, Oracle, Cassandra, Solr, Spring, CometD, MyBatis, HornetQ, Maven, Git

Main Responsibilities & Key Accomplishments:

- Technical leadership of the team including the creation and communication of the technical vision and architecture, conducting code reviews, and coaching less senior colleagues, ensuring clean and maintainable code
- Architected, designed and developed the Dashboard application using Solr, Cassandra, HornetQ, Oracle and CometD exposing the API via REST and WebSockets easily handling 10,000 concurrent users
- Developed several business critical applications and services, and was the key advisor to the development manager on the overall architecture of systems
- Created new authentication and authorization services following best practices for PCI compliance
- Enhanced the existing feed processor to facilitate real-time quotes for various financial security types

RBC CAPITAL MARKETS**Software Consultant****Sep 2008 - Jan 2012**

Primary Technologies:

- Java, Groovy, Flex, Tomcat, Jetty, Oracle, Spring, Hibernate, IBM MQ, Maven, Subversion

Main Responsibilities & Key Accomplishments:

- Designed and implemented technical solutions, which cater to the Fixed Income and FX electronic business
- Implemented a low latency and high-throughput pricing and inventory publication service, facilitating 20,000 updates per second
- Created a cross asset-class blotter for near real-time updates of trades from various internal backend systems
- Developed administrative application for client/user on-boarding, entitlement management, price tier and product group profiles
- Managed relationship with Adobe in debugging and resolving issues with LCDS