Ju he

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Developing Experience:	Expertise in Java/JEE systems with 8+ years project dedicated in Canada.
	REST services building with Swagger/OpenAPI specification based API developing ,
	Developing applications with Spring Framework//Spring Web Services/Spring Batch 2/Spring Integration 2, Hibernate3/4 persistence; JDBC DAO for Collateral Management System;
	Java programming with JDK 1.8, Weblogic /WebShpere 7/8, JBosss 6/7; Linux/Unix/AIX platform.
	Secure data transfer application written in Java for message with external partners (SSL, PKI).
	Web Service building on different platform CXF, Web Sphere, Axis2, Spring Web Service, Tibco work flow, EMS;
	Programming concurrent JDBC query execution from multiple sources, calculating in procedures; MongoDB for financial account data retrieving.
	Maintaining source in Svn/Git repositories, Maven/Ant for the project module creation, continuous integration development. Writing Test cases written in using of tools Junit, Mockito.
	CI/CD flow: Source building from GIT repositories with Azure pipeline auto delivery.
	Building JMS message transportation layer , integration to multi providers, WebSphere integration bus, MQ. Steaming pipe for account data pull/push.
	Applied concept of Load balance, Fail-over , Sequential processing rightfully for applications usage.
	Troubleshooting and performances tuning (Heap size, Garbage collection), profiling memory usage.

Professional Experience:	**Java Software Developer** **Contract**	**May, 2020 – May 2021**

Software Product Management Specialization
Specialization Certificate Course by University of Albert
Covering product management and agile practices, client requirements, user stories planning, agile methodologies and improvements.

Also working as software engineer/contract, focused on back-end built with Spring Boot API with backend MySQl. Integration data repositories with Magento2 based products, product categories, rules.

Supporting Ecommerce/Cloud App. Build the OAuth flow with cloud deployment; developing/Integration SSO/OAuth Flow, provisioning with multiple social login.

Function deployment with Web Front (UX framework/React/ Typescript) integration with back end shop site Magento 2.

Running in Docker/Docker Compose local developing environment.

Project: Security and Securing Applications and AWS/API Gateway with OpenID connect

Securing Application with API point protect from services, integration UI/WEB with connect client library.
Deploying Connect provider on Openshift cluster on Cloud platform

Developing/Integration OAuth Flow with Spring Boot/Spring Security, provisioning with multiple social login, Build the OAuth flow with cloud deployment;

POC/Tasks: Loading data to repository Cassandra storage from Spark API

Setting up Cassandra instance running on Docker;
IntellJ Scala programming demo applications with Spark API/RDD , Datasets

Data Loading and saving: parse data from CSV file and written to Cassandra tables:
Retrieving from Cassandra table and display.

Senior Software Engineer   **Nov, 2017 – Feb, 2020**
KARS GLOBAL - ADESA

Vehicle Online Portal / Ecommerce

Platform: JBoss EAP/JEE Server, SQL/Oracle, Java, Jboss Messaging,   JMS, XML/SOAP/Web Services, Hibernate,
REST/JSON API, Swagger, Spring Framework, Spring Boot, Micro Service on Openshift/Kubernets , building Pipeline/Source to image deployments.

Working on online payment project for car lease turn-in, pricing, purchasing, synchronization and searching , integration with pricing system with price, tax rules, billing data.

Developing SSO Login components on security server, providing web integration with customer portal with trust entity provision.

Developing spring boot based RestAPI with swagger Open API integration, Swagger UI test integration, AWS API Gateway building for mobile service requests.

Write common validation on multi-input and dependent input; Reactor streaming processing on data array.

Integration with batch auction jobs, pre-sale researching project, Real-time pricing data from vendor; Payment data and status synchronization for Pay-Online platform.

UI searching development based on Apache Solr searching, repository update. Creating rewards purchasing, fee details, activity reports.

Project – Business Banking Payment   **Dec, 2015 – Nov, 2017**
Role: Software Application Developer
Client: Bank of Montreal

Project – Business Banking Payment

Platform: WebSphere Application Server, **Tibco** Business Work, Integration Bus/MQ,

JMS, Web Services, J2EE/EJB, JPA/SQL/Oracle, Unix Bash shell scripting for batch /cron job, SmartBear Test, JMeter.

As a Java software consultant, working on online business payment projects, which provide pay service to million client users.

Developing Customer/User management, entitlement, account assignment, diagramming payment profile for customer/account.

Working on data synchronization between business banking applications and vendor's transaction processing systems, Message collaboration and chronological processing; Flow processing of payment creation, settlement with Business Work.

WebSphere Portal/WebSeal/ SSO /SAML/LDAP authentication with IBM Identify and Access Management (IAM) Federation

Erase defections causing message loss, processing incompletion; ensure bank/customer master data integrity with reliable event flow building on TIBCO suites.

 SOA/Web Services programming on message stacks, request message composition and response message consumption. Message collaboration and chronological processing; Payment Account classification;

Analyzing and diagramming payment profile for customer/account

Project: Merchant Content Management   **Aug, 2014 – Oct, 2015**
Role: Application Developer
Client: Yellow Pages

Working on Merchant Content Management, interfacing with Order management, Account management through ESB/Tibco Business Work..

Agile environment with Sprint stories/confluence, Jenkins, cohesively in working on continuous production release of merchant applications;

Problem solving in diagnostic of failure and performance problems;

Collaborating with function analyst and QA for product development and validation;

- Applying Event Bus mechanism on presentation and server end layer;
- JMS transport for message exchange to peer systems;
- Batch job creation, Web Service development with CXF framework, XML, Spring REST/ JSON API build upon Spring MVC.
- Design and Implementation Action Framework fitted within service oriented layer.
- Innovated resolution to optimize access channel to Media Cloud Repository (AWS), which acts as the gateway for entire enterprise-wide applications
Create and optimized reliable interaction layer with outside repositories provider in resolution of retries, delay, call-back, state management.

Implemented task process flow for optimizing and improve data integration interface with external data repositories.

Project: Branch-net application system   **Aug 2013 – Mar 2014**
Role: Consultant / Java Developer
Client: CIBC

Working on Health checking on banking application system with active monitoring; Developing Monitor UI, WebLogic/JSF/Servlet, Oracle/SQL;

Data access layer with myBatis,   data mapping, procedure invoke.

Parsing XML Definition of server layout, Linux/Jboss, Bash shell scripting for job

invoking.

Analysis and design from team discussion about the requirements of module extension, construct the Connection interfacing (Web Service/SOAP, HTTPS, SSL Network, Firewall / Proxy, JMX, Messaging, Security enhancement with

SSO/JAAS/Kerberos/Spengo/Active Directory (AD),LDAP, UI components necessary for the configuration pages;

Java Software Engineer/Consultant , Singapore **Aug 2004– Mar 2014**

ECnet

> Started Software IT career as developer in ECnet Singapore , a supply chain management service provider on HUB-SPOKE message exchange gateway , integration order-supply flow by major electronic manufactures.

Developing B2B supply-chain-management (SCM) online service: Include Deliver Forecast, Purchase Order, Advance Ship Note, Invoice, Inventory Report etc , which are based on Java Application Server, EDI back-end engine.

In Between, have been working as Associate Consultant/Software Engineer for Deustsche Bank, Financial/Insurance projects (AIA - American International Assurance).

• Trade Finance Supply Chain Systems (Import/Export Credit Service)

Core component building and integration, test and deployment environment setup. Working on DB/Doc management, Letter of Credit, Collection, Guarantee. Workflow management system on bulk transactions processing volume of transactions, coordinating and integration of the development tasks.

• Developing Agent Internet Web Interface to manager case report, claims instances. Data source definition, data source bindings, paging, sorting, caching.

• Working on the payment gateway interfacing with cheque clearance system from vendor bank, transactions file receiving, transmission, acknowledgment, approval, clearing, account summary. Interfacing with Claim, Finance, Life Policy systems.

Education & Certificate	**Software Product Management Specialization,**
	University of Albert 2020
	Diploma Program of Finance Management 2010/2011
	KAPLAN High Education Institute
	Certificate in Java Programmer (Oracle Java)
	Master of Engineer, Southeast University 2001/2003
	School of Information Science and Engineering