Tito Cheriachan
Senior Java Developer

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Summary

- 14+ years of experience in various Java frameworks throughout the career.
- Domain expertise in Cargo Logistics, Currency Exchange, IoT Connected Cars & Global Trade.
- Expertise in building microservices with Spring Boot on Docker containers.
- Expertise in REST API security with Spring Security, JWT Tokens.
- UI application development experience with VueJS, Quasar.
- Experienced in batch data processing with Apache Kafka.
- Built IoT pub sub daemons in connected car embedded telematics unit for Chrysler.

Skills

- Java - Spring Data, Spring Security, Apache Kafka, Spring Web, Spring Cloud.
- Container - Docker, Docker-Compose, Rancher.
- IoT - MQTT pub-sub on Connected Cars IoT platform.
- Databases – Oracle PL/SQL, MongoDB.
- JavaScript - JQuery, VueJS.
- ORM - JPA frameworks - iBatis, Hibernate.
- Others - Git, Gradle, Maven, Bash, JMeter.

Work Experiences

Senior Java Developer, 3CE Technologies Inc.
Montreal, Canada.
Nov/2016 – Present

- Build, deploy & monitor various Spring Boot based microservices in Docker containers.
- REST API security using Spring Security OAuth with claims in JSON Web Tokens.
- Data processing using Apache Kafka.
- Large XML parsing and data extraction with Python.
- Generate reports using ElasticSearch.
- Write shell scripts for various task automations.
- Monitors & takes corrective action on development/production servers.
- Build in-house UI applications with VueJS & Quasar.
- Responsible for build automation, releases and production deployments.

Engineer – I, American Express.
Arizona, USA.
Jan/2015 - Nov/2016.

- Built a resilient FICO credit score API for AMEX US card member's Account Summary page.
- Built Offers API for US card member's Account Summary page.
- Code business requirements on AMEX US card member's Account Summary page.
- Run performance tests with Jmeter.
- Performed code release & production deployment activities.

Assistant Consultant
Sprint (Contractor of Tata Consultancy Services)
Kansas, USA & Chennai, India
Jan/2012 - Jan/2015

- Team member of FIAT Chrysler Connected Vehicle IoT Platform called Sprint Velocity.
- Worked on an embedded IoT based daemon for remote car engine operations & GPS tracking.
- Worked on IoT daemon for sending diagnostic trouble codes (DTC) to cloud from vehicle's CAN Bus.
- Led the development for Yelp interactive telematics app with Nuance voice recognition and Yelp's API.

Software Developer, Lulu Money Exchange.
Abu Dhabi, UAE.
May/2010 - Jul/2011

- Built an SMS alert service using SMPP and an SMS gateway.
- Built an internal data search application with Lucene.
- Led the development of money transfer web application.

Software Engineer, XM Software Solutions.
Chennai, India.
Apr/2009 - Mar/2010

- Involved in development of money transfer web application.
- Wrote a browser compatible (IE, Firefox) JavaScript for generation of Certificate Signing Request.
- Worked on Struts & iBatis to invoke PL/SQL procedures to display reports on JSP pages.

Software Engineer, IBS Software Services.
Cochin, India.
Aug/2006 - Mar/2009

- Used Struts & Hibernate to develop various web application pages.
- Used Jasper Reports for report generation.
- Write PL/SQL procedures for air cargo revenue accounting module.
- Parse XML messages with JAXB from IATA messaging systems.