

SUSHIL KUMAR

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PROFILE

Software Engineer with an experience of 7.8 years in Software Development (**Java, J2EE, Springs Core, Springs MVC, Spring Batch, Spring Boot, Android, Oracle SQL/PLSql, REST & SOAP Web services, Salesforce integration, Azure VSTS CI/CD, AWS Lambda, Alexa skills**) with extensive experience in various phases of Software Development (Planning, Preparation, Development and Execution) and various domains (Banking, Financial, Retail and logistics domain). Currently exploring latest technologies on JavaScript Frameworks, NoSQL Databases, IoT and Python, Hyperledger Fabric Blockchain, AWS cloud and Alexa skills.

SUMMARY

- ✓ 7.8 years of experience in Software Development with different industry standard software development involved in complete life cycle of Development.
- ✓ Main responsibilities include understanding client requirements, Design and Development as per requirement, mentor and team lead.
- ✓ Good experience on integrating salesforce from Java.
- ✓ Strong commitment to develop and deliver projects as per client requirement/deadline without compromising on the quality.
- ✓ Delivered Supply chain POC on **Hyperledger Fabric Blockchain** technology and Voice enabled freight cost **Alexa Skill** using AWS lambda and python as part of innovation.
- ✓ Good understanding of Android app development and actively working on Android apps development as Independent project using **android SDK**.
- ✓ Skilled in delivering projects on time from conception, development to detailed planning, execution and final delivery ensuring customer satisfaction.
- ✓ Worked in SDLC, Agile methodologies of project development. Knowledge of JIRA and Azure VSTS.
- ✓ Hands on experience in developing Web services using SOAP, RESTFUL services.

TECHNICAL SKILL SET

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|---------------------|---|
| Languages | : Core Java, J2EE, Android, SQL, PL/SQL, Python |
| Web Technologies | : JSP, Servlet, JDBC, JQuery, Web Services (REST & SOAP), JavaScript |
| IDE | : Eclipse, IntelliJ Idea, RAD, Android Studio. |
| Framework | : Springs Core , MVC, Spring Batch, Spring Boot, Spring SOAP, Hibernate |
| Tools & Environment | : Azure VSTS, Tortoise SVN, CVS, Clear Case, Gradle, Github, |
| Servers | : Oracle Weblogic 10.3.2, Websphere 7.0, Apache Tomcat 8.5 |
| Databases | : Oracle 12c, Oracle 10g. |

CURRENT EMPLOYMENT

| | |
|----------------------------|---|
| Organization | : Caterpillar India Pvt Ltd. Bangalore |
| Current Designation | : Senior IT Analyst II |
| Department | : Logistics |
| Period | : 5 th Jan, 2016 to Till Date. |

PREVIOUS EMPLOYMENT

- 1. Organization** : TEKSystems (Allegies group)
Work Location : Client : Caterpillar India Pvt Ltd.
Period : 10th Nov, 2014 to 31st Dec 2015.
- 2. Organization** : TESCO Hindustan Service Centre, Bangalore
Period : 24th June, 2013 to 1st Oct, 2014

3. Organization : 3i Infotech Ltd
Period : 1st March, 2011 to 21st June, 2013

ACHIEVEMENTS

- ✓ Got Biggest Impact award for innovation on **Hyperledger fabric** Blockchain for Supply chain (Caterpillar Inc.)
- ✓ Received Remarkable Recognition award and Special Recognition award for delivering project on time and with High quality and commitment.
- ✓ Got absorbed by Client on permanent roles within 1 year (Caterpillar Inc.)
- ✓ Got 4th prize in online app development hackathon as independent project on hackerearth.com.
- ✓ Got many appreciations from client on work done.
- ✓ Got "Best Performer in Team", Award (3i Infotech).
- ✓ Worked on the fine tuning of the code for the performance issue.
- ✓ Won Fourth prize in "ROBOTICS" 2008 national level Techfest held at IIT, Kanpur.

WORK EXPERIENCE

Engine & Parts Information and Collaboration System (EPICS) **Caterpillar Inc.**

EPICS project provides Engine, Machine and Parts visibility to business users via Salesforce. Epics is Spring batch which pulls engine and machine and parts information from different mainframe systems like ODS, Antares, OTV and parses the data as required by salesforce and sends them over to salesforce for visibility to customers. This batch has restartability and re-processing features that enables it to reduce support task and no data losses or miss match. Also does not need any code changes to pull additional table or column information into salesforce.

Technology : JAVA, Spring batch, Spring Boot, Salesforce api, Spring AOP.

Environment : Tomcat, Oracle 10g.

Team Size : 4

Role : Team Lead.

Responsibility

- ❖ Providing initial Technical design to the team for the requirement.
- ❖ Managing team including support and development and production releases.
- ❖ Developed generic code to support new additions of new table or columns to be sent to salesforce without any code changes using database configuration.
- ❖ Development of Milestone logic to calculate milestone information based on business rules.

Freight Spend Analytics **Caterpillar Inc.**

Freight Spend Analytics project provides analytics to the business users in terms of Spending for the current and next year. It takes into consideration origin and destination and with point to point and multipoint, transportation, carriers and total cost of supply and gives projected cost. This helps business negotiate deal with the carriers and forwarders for next year to get best contract rates.

Technology : JAVA, Spring batch, Spring SOAP WS, Spring Boot, Oracle PI/Sql, Azure DevOps and VSTS for CI/CD and GitHub

Environment : Tomcat, Oracle 10g.

Team Size : 7

Role : Lead.

Responsibility

- ❖ Providing initial Technical design to the team for the requirement.
- ❖ Managing team including support and development, and tracking daily progress of the work.
- ❖ Managing production releases using VSTS azure devops.
- ❖ Coordinated with onsite team to gather requirement.
- ❖ Development of core functionality for modular design of the application to support minimal changes while onboarding new regions.

Project on Innovation **(Supply Chain POC on BlockChain)**

This project was to apply latest block chain technology in supply chain for Caterpillar business and identify its feasibility. This project was aimed at reducing the time consumed during international movement of goods. And to handle payment and invoicing and also real time visibility for goods. Also to eliminate third parties for Payment, invoicing and custom paper works.

Technology : JAVA, Spring, REST, Hyperledger v0.6 BlockChain, GoLang
Environment : Tomcat, Docker tool box, Virtual VM, Linux,
Team Size : 2
Role : Developer & Lead.
Responsibility
❖ Written Business logic in GoLang for chaincode.
❖ Setup and deployment of chaincode and hyperledger in docker tool box.
❖ Written and configured virtual box and Docker compose file for deployments.
❖ Worked as part of innovation along side other regular projects.

Salesforce Savings Webservices
Caterpillar Inc.
(Current)

This project exposes SOAP Web Services to be consumed by Sales Force. It will expose Endpoint over internet to consume dynamic request from sales force and store the related objects. This helps in real-time reporting of savings via Tableau for some reports which cannot be built in salesforce.

Technology : JAVA,J2EE, Spring, Spring SOAP WS, Hibernate, Oracle
Environment : Tomcat, Oracle 10g.
Team Size : 1
Role : Developer & Lead.
Responsibility
❖ Technical design and development of web services endpoints.
❖ Development of new SOAP Web services using Spring WS and deployment.
❖ Worked in all SDLC cycle of development and implementation.
❖ Coordinated with onsite team to gather requirement.

GT Nexus Processor
Caterpillar Inc.
(Current)

Purpose of this project was to provide an interface to download huge xml files from FTP and process it push into Single Rate Repository. This will enable SRR to have Ocean rates which will enable it to provide end to end rate visibility. GT Nexus processor is a Spring batch will provide interface between third party system and process large xml into chunks to have better performance and multi-processing. This interface enabled have end to end rate visibility and which reduced dependency on third party for load planning and saved 3 million USD annually.

Technology : JAVA,J2EE, Spring, Spring Batch, Hibernate, Oracle
Environment : Tomcat, Oracle 10g.
Team Size : 4
Role : Developer & Lead.
Responsibility
❖ Technical design and mentored other team members.
❖ Developed Spring batch to process XML data into chunks
❖ Coordinated with onsite team to gather requirement.

Single Rate Repository (Procurement)
Caterpillar Inc.

Single Rate Repository Domestic Transportation solution is to enable JDA TM as a rate repository and single point of reference for North America, Europe, India and China Domestic Transportation Rates. This project builds an interface with TI Contract and GT Nexus to download Europe, China and India Domestic Transportation rates including Accessorial and Transit Time and upload them into JDA TM.

Technology : JAVA,J2EE, Spring MVC, Spring JDBC, Spring Web service SOAP ,
Spring Batch, PL/SQL, Java script, JQuery.
Environment : Tomcat, Oracle 10g.
Team Size : 5
Role : Developer & Module Lead.
Responsibility

- ❖ Technical design and development of modules.
- ❖ Development of new SOAP Web services using Spring WS.
- ❖ Development of new modules and screens based on requirement from scratch.
Implemented custom sorting to handle the client need and better performance.
- ❖ Design & Development of Spring Batch to process large XML data to JDA TM. This

resulted

In better performance and reduced run time.

- ❖ Worked in all SDLC cycle of development and implementation.
- ❖ Coordinated with onsite team to gather requirement.

Oracle Retail Price Management (NBS) (Client : Tesco Plc UK)

RPM is a pricing and promotions execution system. RPM's functionality includes the definition, maintenance, and review of price changes, clearances and promotions. RPM contains three primary pricing execution dialogs for creating and maintaining regular price changes, clearances, and promotions.

Technology : JAVA, EJB, PL/SQL, Hibernate, REST Webservices
Environment : Oc4j, Oracle 10g.
Team Size : 12 persons.
Role : Developer.

Responsibility

- ❖ Development of new batch programs and validation rules as required. Developed new PL/Sql procedure for mass upload of data (millions of record) which saved business time significantly.
- ❖ Development of new screens and handling CR's.
- ❖ Coordinated with other team members and guiding them on various issues.
- ❖ Implementation of CR's and giving warranty support.
- ❖ Worked in all SDLC cycle of development and implementation.

Basic Bank Implementation Project (Client: Basic Bank, Bangladesh)

Kastle Core Banking also includes ATM, Branch Processor, Internet Banking, Teller Management, Scheduler, Vault Management and End of day process (EOD). Basic Bank Implementation project is full Core Banking Suite with ATM and Internet Banking support. Basic Bank is a satisfied customer using Kastle Core Banking in Bangladesh.

Technology : JAVA, J2EE, Struts, EJB.
Environment : Weblogic 10.3.2, WebSphere 7.0, Oracle 10g.
Team Size : 12 persons.
Role : Developer.

Responsibility

- ❖ Development of new screen as required.
- ❖ Coordinated with other team members and guiding them on various issues.
- ❖ Re-Designed host programs and front end to match with the new requirement for Customization.

Laos Implementation project

(Client: APB Bank (Agricultural Promotional Bank), Laos)

Kastle Core Banking with ATM Module developed in Java implemented at the APB Bank Laos, which was a challenging task to go on success, which includes all the module of the Banking. Product was customized as per the requirement given by the APB Bank Laos.

Technology : JAVA, J2EE, Struts, EJB.
Environment : Weblogic 10.3.2 Application server, Oracle 10g, Jasper reports.
Team Size : 8 persons.
Role : Developer.

Responsibility

- ❖ Development of new Module as required by client.
- ❖ Development of Complete ATM interface module for ATM support for Core Banking for 3rd party Switch Integration.

EDUCATION

➤ **Post Graduate Diploma In Advance Computing (Aug 2010- Feb 2011)**

Centre for Development of Advance Computing(CDAC), Pune

➤ **B.E. - Computer Science and Engineering (2006-2010)**

Sagar Institute of Research & Technology, Bhopal, M.P, India, Affiliated to AICTE, ministry of HRD (Govt. of India) Rajiv Gandhi Technical University MP

PERSONAL INFORMATION

Father's name : Late. Mr. R. P. Singh
Passport Details : J2416237 Valid up to 18th, November 2020.
Linked In : <https://in.linkedin.com/in/sushil-kumar-35569413>

INTERESTS

Learning new skills and language, playing games, making friends, swimming, visiting new places and interacting with the people.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

(SUSHIL KUMAR)