

Passionate and dedicated professional with **13yrs 3mos** of experience (including **2yrs 4mos** of experience in onsite, **USA**) in Java development and deployment of multi-tier based applications. Worked on Cloud Foundry (App, Service Broker, Services, CUPS), Bosh releases, REST webservice, Spring Boot, Docker and Apache Camel. Has proven expertise in object-oriented analysis, design and exceptional record overseeing all facets of Software Development Life Cycle. Innovative problem solver with proven leadership and mentoring abilities.

- Experience in Typescript 3.1 reusable components and services to consume REST API's using component based architecture provided by Angular JS 6.0
- Experience in cloud technologies Cloud Foundry and BOSH(deployment and orchestration tool).
- In-depth programming skills in Java 1.8 (from 1.4) and J2EE (JDBC 4.2, EJB 3.0, JMS 2.0)
- Experience in J2EE open source frameworks like Spring Boot 1.3.7 with Spring 4.2.7
- Experience in open source integration framework Apache Camel 2.8.0, with Core, EXEC, FTP, Mail, CXF, File and JMS components.
- Team player with ability to communicate at all levels of development process.
- Attitude and Willingness to learn and implement new technologies.
- Typescript 3.1 reusable components and services to consume REST API's using component based architecture provided by Angular JS 6.0

Technical Skills

- Created Typescript 3.1 reusable components and services to consume REST API's using component based architecture provided by Angular JS 6.0
- Setup and configured in-house Thales HSM and cloud Luna HSM with Key fragmentation.
- Using amazon SDK 1.11.36 API, implemented a util to map a public IP for a static IP, Map/UnMap ELB for given static IP.
- Using AWS web interface, created amazon RDS Postgres server.
- Using Cloud Foundry 2.19 API, implemented login, list all services, service instances, apps and also create routes, deploy apps, bind apps with service instance, unbind apps with service instance etc.
- Designed Service Broker framework using Spring Boot 1.3.7 with an existing service broker 2.10 API (spring-cloud-cloudfoundry-service-broker:1.0.0), which makes the implementation easy and maintainable for different resources and different plans.
- Configured spring boot application with vault to fetch application properties from secured vault server (spring-cloud-vault-starter-config:1.0.0).
- Knowledge on BOSH releases, orchestration of BOSH deployment with different releases and consumed BOSH API 1.0.
- Implemented print functionality for ZEBRA mobile printer which supports CPCL format.
- Implemented cluster of Enterprise Integrated Patterns using integration framework Apache Camel 2.8.0.
- Implemented custom request binder for CXFRS component, to achieve unified port for multiple services. (Not required for Apache Camel 2.11 or above).
- Override the Apache Camel's JMS component with implemented DynamicDestinationResolver, for IBM MQ. To resolve the header junk problem while communicating JMS to non-JMS messaging service (IBM MQ).
- Developed a framework for report generation, using XML, XSLT and AJAX from jQuery.
- Developed an Eclipse plugin for static analyser using both PMD and Checkstyle
- Quality champion, use to monitor code base frequently with various analyser tools like PMD 4.2.5, Checkstyle 5.4, Javancss, LOC and Rational Software Analyser(RSA 7.5).
- Developed a customized RequestProcessor (Struts 1.2) to control validation process depending on user access rights.
- Developed and implemented generic template to populate and to merge PDFs (Ordinary & Acroform) using iText 2.0 and JAXP 1.5 (SAX & DOM) APIs.
- Implemented persistence tier using iBatis 2.1 to invoke stored procedures and SQL statements in an Oracle 8.1.6 database.
- Implemented a generic job scheduling framework using Quartz 1.6.
- Customized Log4j 1.2 using XML Configuration to implement filter information.
- Configured Validator plugin with Struts 1.2 and developed customized validation.
- Developed and implemented a JSP Custom Tag component to paginate list.
- Designed file merging technique using Offset (start & end bytes) of each file merged.

Professional Experience & Responsibilities**SDI – Admin Tool****May 18 – Dec 18****HID Global, India**

- Developed SDI admin UI, with Angular JS 6.0 and Typescript 3.1.
- Integrated Membrane proxy 4.4 with SDI services with HTTPS support.
- Created Typescript reusable components and services to consume REST API's using component based architecture provided by Angular JS
- Experience in using Chrome Developer Tools and Firebug for debugging and troubleshooting the code.

Apr 17 – May 18**SDI (Secure Delivery Infrastructure)****HID Global, India**

- Secure Delivery Infrastructure (SDI) is a key management system used internally in HID Global to securely manage the symmetric keys stored in HID readers and cards. HSM (Hardware Security Module) is used to encrypt the keys before they are stored in database. SDI exposes a set of SOAP based services to securely store/retrieve the keys in/from database. It also exposes a set of REST based services to enable access control for keys stored in SDI database.
- Designed and Developed SOAP and RESTful services in SDS server side using façade, BO, DAO and other design patterns.
- Created Unit test cases Using Mockito and tested the module accordingly and delivered the releases on time with high quality. Also improved the code quality by reviewing team member's code and giving guidance to them.
- Used Sonar Qube Static analysis tool to fix compile time and memory leak issues.
- Strictly followed all the Java coding standards and adhere to SCI compliance.
- Setup and configured in-house Thales HSM and cloud Luna HSM with Key fragmentation.

DEP (Digital Foundry)**Jul 15 – Mar 17****Cognizant, India**

- Using amazon SDK 1.11.36 API, implemented a util to map a public IP for a static IP, Map/UnMap ELB for given static IP.
- Using AWS web interface, created amazon RDS Postgres server.
- Using Cloud Foundry 2.19 API, implemented login, list all services, service instances, apps and also create routes, deploy apps, bind apps with service instance, unbind apps with service instance etc.
- Designed Service Broker framework using Spring Boot 1.3.7 with an existing service broker 2.10 API (spring-cloud-cloudfoundry-service-broker:1.0.0), which makes the implementation easy and maintainable for different resources and different plans.
- Configured spring boot application with vault to fetch application properties from secured vault server (spring-cloud-vault-starter-config:1.0.0).
- Knowledge on BOSH releases, orchestration of BOSH deployment with different releases and consumed BOSH API 1.0.
- Designed and developed a reverse script for auto validate existing mongo cluster using mongo java driver 3.2.2.
- Designed and rewrite a docker based Mongo DB cluster setup using Spring, Jersey REST API with Jetty embedded server.

GIF (Global Integration Framework) (Cognizant, USA)**Feb 14 – Jun 15****Wal-Mart, USA**

- Team lead for Dispense module which is developed from scratch. We delivered first release without any major defects and got signoff on time.
- Responsible for internal code review in Dispense module, always ensures there are no Major/Minor violations in SONAR report for our module and when we fixing the violations I insist to refactor the code for best readable and maintainable.
- Handled restriction and rejection item in dispense module initially with one order and later with multiple orders also using a custom framework.

- Implemented print functionality, using Apache Velocity for the dynamic template printing in both LASER and ZEBRA printer. I understood both architecture of service invocation for LASER and CPCL format for ZEBRA in GIF in short period.

Apr 13 – Jan 14

GLS 2.0 International Gaps – Japan (Cognizant, USA)

Wal-Mart, USA

- Implemented the functionality, with cluster of Enterprise Integrated Patterns using integration framework Apache Camel 2.8.0.
- Implemented custom request binder for CXFRS component, to achieve a unified port for multiple services. (Implementation is not required for Apache Camel 2.11 or above).
- Part of JAD (Joint Application Design) sessions, construction, unit testing, deployment and application support.
- Coordinate with the offshore team on the deliverables at the various stages of the SDLC.

Controlled Substance Ordering System (CSOS)

Feb 12 – Mar 13

Wal-Mart, USA

- Implemented the functionality, with cluster of Enterprise Integrated Patterns using integration framework Apache Camel 2.8.0.
- Proof of Concept on implementing EIP used in different modules in CSOS to get initial sign off to use Apache Camel.
- Override the Apache Camel's JMS component with DynamicDestinationResolver, for IBM MQ. To solve the header junk problem while communicating non-JMS messaging service (IBM MQ) from JMS messaging service (Active MQ).
- Program specification document prepared for services developed as part of CSOS project.
- Developed five services RDS-CSOS integration, Inbound Service, Outbound Service, Host Invoice Service and RxDistribution Service as part of this project.

WebMtracks (Sam's club Membership)

Oct 11 – Jan 12

Wal-Mart, USA

- Integrated both pagination and sorter for given table using TableSorter framework with jQuery 1.6.3
- Developed a framework for report generation, using XML, XSLT and AJAX from jQuery.
- Developed comments, browse on customer and browse on business modules.
- Involved in defect analysis and provide solution to fix the defects.

Pick up Today – PUT (.com Integration)

Mar 10 – Sep 11

Wal-Mart, USA

- Integrated other subsystems through JMS 1.1, IBM MQ, XML and JAXB 2.0.
- Developed an Eclipse plugin with PMD and Checkstyle static analyser.
- Quality champion, use to monitor code base periodically and send report with various analyser tools like PMD 4.2.5, Checkstyle 5.4, Javancss, LOC and Rational Software Analyser(RSA 7.5).
- Involved in defect analysis and fixing of production defects. (Analysed race condition with hashmap)
- Initiated and managing daily stand-up meetings to enable the development team to share knowledge and gain an overall understanding of the development effort.

Task Management System - TMS

Oct 09 – Feb 10

Wal-Mart, USA

- Reviewed and re-factored existing code based on Rational Software Analyser (RSA) report generated using RSA 7.5.
- Provided mentoring and code review services to other developers to ensure that various Java violations are properly addressed.
- Developed "Admin" functionalities and also prepared Program Specification and Test Case documents for those modules.

BDSS - EZForms IAA - Acroform Conversion

Jul 09 – Sep 09

J.P.Morgan Chase, USA

- Implemented generic template to populate and merge PDFs (Ordinary & Acroform) using iText 2.0 and JAXP 1.5(SAX) APIs.

BDSS - IVault

Mar 09 – Jun 09

J.P.Morgan Chase, USA

- Designed file merging technique by storing Offset (start & end bytes) of each file merged.
- Implemented Log4j 1.2 using XML Configuration to implement filter information.
- Configured persistence tier iBatis 2.1 with Spring 1.2 framework

BDSS - EZForms Admin

Nov 08 – Feb 09

J.P.Morgan Chase, USA

- Implemented persistence tier using iBatis 2.1 to invoke stored procedures and SQL statements in an Oracle 8.1.6 database
- Involved in designing user interface screen using JSP tags
- Configured Validator plugin with Struts 1.2 and developed customized validation

BDSS - EZForms 529 Prefill

Jan 08 – Oct 08

J.P.Morgan Chase, USA

- Developed and implemented generic template to populate and to merge PDFs (Ordinary & Acroform) using iText 2.0 and JAXP 1.5(SAX) APIs
- Configured persistence tier iBatis 2.1 with Spring 1.2 framework
- Implemented a generic job scheduling framework using Quartz 1.6
- Implemented a customized RequestProcessor (Struts 1.2) to control validation process depending on user access rights

BDSS - EZForms IAA - Migration

May 07 – Dec 07

J.P.Morgan Chase, USA

- Implemented Dependency Injection pattern using Spring 1.2 framework.
- Creating SQL configuration files to configure persistence tier iBatis 2.1 with Spring 1.2 framework
- Customized Log4j 1.2 using XML Configuration to implement filter information.
- Developed a customized RequestProcessor (Struts 1.2) to control validation process depending on user access rights.

Project Management System

Mar 06 – Apr 07

Finix Info Solution Pvt Ltd

- As a developer participated in configuring servlets and developed Action Classes with corresponding Action Forms for various modules like User, Manager, Admin modules.
- Involved in designing and developing user interface screen using JSP tags.
- Configured Validator and Tiles plugins with Struts 1.2 and developed customized validation and reusable view components.

Job Portal for Headhunt India (HHI)

Sep 05 – Feb 06

Finix Info Solution Pvt Ltd

- As a developer involved in development of Employee Module
- Configured servlets in deployment descriptor and developed utility components.
- Involved in developing user interface screen using JSP tag.

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Certificates

- Sun Certified Business Component Developer (SCBCD) for Java EE 5
- Sun Certified Programmer (SCJP) for Java 2 Platform, Standard Edition 1.5
- Oracle PL/SQL Developer Certified Associate (OCA) for Oracle 9i

Career Profile

Period	Organization	Role
Apr 2017 – Dec 2018	HID India Pvt Ltd.	Software Lead Engineer
Aug 2015 – Mar 2017	Cognizant Technology Solutions India Pvt Ltd.	Technology Specialist
Apr 2013 – Jul 2015	Cognizant Technology Solutions U.S. Corporation.	Associate
Apr 2011 – Mar 2013	Cognizant Technology Solutions India Pvt Ltd.	Associate
Oct 2009 – Mar 2011	Cognizant Technology Solutions India Pvt Ltd.	Programmer Analyst
May 2007 – Sep 2009	Maples ESM Technologies Pvt Ltd. (deputed to Tata Consultancy Services)	Software Engineer
Aug 2005 – Apr 2007	Finix Info Solution Pvt Ltd.	Software Engineer