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#### Manish Bansal

**+91-9818211926**

[**manish.aira@gmail.com**](mailto:manish.aira@gmail.com)

**(Having valid H1B VISA and 2 Years onsite experience)**

###### Professional Experience:

* **12** years of relavent experience in **Java, J2EE, Spring, Hibernte, WebService and MicroServices**.
* Extensive experience to implement different component in **Micro Services development** like: **Eureka, Zuul, Hystrix, SpringBoot, Swagger, Rest Template, Ribbon, Paas, API Gateway, Splunk, Sonar Quebe, CI/CD, pipeline, MicroServices Echo System, AppDynamics, RLM, Jenkins etc.**
* Extensive expertise in **Web Services** development using **XML**, **SOAP**, **WSDL**, **WADL, RESTful** etc.
* Good experience in **test-driven development (TDD**).
* Proficiency in developing **Micro Services** using Spring modules like **Spring Boot, Spring JPA, Spring core, IOC, JDBC templates** etc.
* Extensive expertise in designing services/components using **Object Oriented Design.**
* Expertise in continued development of software development methodology by adopting best practices from current methodologies like **Agile**.
* Extensive expertise in Requirements/Use Case Definition, Prototyping, Proof of Concept, Analysis, Design, Implementation, Testing and Maintenance
* Experience in Design and Implementation of **J2EE design patterns** such as **MVC pattern, Singleton, Session Facade, Service Locator, Data Transfer Objects, DAO, Adapter, Proxy** etc.
* Experience in **Java8** new features like Lambda Expression, streaming etc.
* Experience in **Pivotal Cloud Foundry (PCF)** and the implementation of micro services in PCF.
* Experience in different repositories like **SVN, GIT HUB, RTC and BitBucket**.
* Hands on experience with various testing frameworks like **JUnit, Mockito, and Postman** tests.
* Extensive Experience in developing Use Case, Sequence, Activity and Class Diagrams.
* Extensive Experience in identifying and establishing architectural Policies, Procedures, Standards, Principles, Guidelines and Best Practices that facilitate application development.
* Experience in MicroServices using SpringBoot**, Netflix Eureka plugins, SpringBoot** monitoring.
* Extensive experience in **J2EE (JSP/JSF/Servlet/EJB/Mail/JMS/ JDBC/RMI/Struts/Spring/Hibernate/JSON) and Java EE5.0, XML (DTD, XML Schema, XPATH, XSLT,** **JAXB, XMLBeans)**.
* Extensive experience in data modeling in distributed application environments.
* Experience in working with messaging systems like **JMS, WebSphere MQ** and **MDB**.
* Expertise in writing queries in SQL, stored procedures, triggers and functions in PL/SQL.
* Good knowledge in enterprise-level Infrastructure Architecture with experience in configuring Development, Testing and Production Environments
* Experienced in **Inversion of Control (IoC)** and **Aspect Oriented Programming** (**AOP**) frameworks like **Spring**
* Experienced in **ORM Frameworks** like **Hibernate** and **JPA**.
* Expertise in developing N-tier web applications using **J2EE technologies, Web Services and Struts Framework**.
* Extensive knowledge and Experience in various Architectural Trends like **REST** etc and emerging technologies like **AJAX, JSF** etc
* Extensive experience in managing and keeping track of status of production defects using **HP QC and JIRA**.
* Worked extensively in Agile/Scrum Development process.
* Analytical and Logical Thinker with great Team Skills.
* Experienced with different domains like Banking & Finance, Health, Retirement & pension domain and telecom.

### Technical Skills:

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| Languages | Core JAVA, SQL |
| Technologies | JDBC, Servet, JSP, EJB 2.1, Struts 1.2.8, Web Service (SOAP and RESTful),  Springboot, SpringJPA, Swagger, SOAPUI, PCF (AWS), SonarQuebe, Mockito, JUnit, Test Driven Development, Integration Test Suites, Jenkins, CI/CD, RLM, GIT, BitBucket, RTC |
| Scripting Tools | Ajax 2.1, JavaScript and HTML |
| Frameworks | Hibernate , JPA, Struts 1.2.8 |
| Web Services | SOAP, RESTful, WADL, JAX-RS, JAX-WS, Jersey, JAX-B, Apache Axis2, Micro services |
| RDBMS | Oracle, SQL Server, MS-Access, My Sql |
| Server Technologies | Tomcat 6.0, WebLogic 12c, JBOSS 4.2.3GA, Web Sphere 6.5 |
| UML Design Tools | Star UML, MS Visio |
| Development Tool | Eclipse, MyEclipse 7.5, Jdeveloper, Netbeans 6.0, RAD 7.5, STS 3.2.7, IntelliJ Idea |
| Testing Frameworks | JUnit , Soap UI, Integration Test Suite |
| Debugging Tools | Log4j |
| Build Processing Tool | ANT, Maven 3.0 |
| Monitoring Tool | Wily Introscope |
| Defect Management Tool | HP QC, JIRA |
| Version Controlling Tools | Subversion, CVS, GIT Hub, Bit Bucket, Rational Team Concert(RTC) |
| Domains | Banking & Finance, Health, Retirement & pension domain and telecom |

**Education:**

Master of Computer Applications from University of Rajasthan in 2005 (MCA)

Work Experience:

# **AT&T Dynamite Ethernate(ADE) Feb’2019 – Aug’2020**

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| Employer | Tech Mahindra Limited. |
| Client | AT&T |
| Role | Technical Architect |
| Work Location | St. Louis, MO, USA |

**Responsibilities:**

* Development of **Micro Services** using Spring modules like **Spring Boot, Spring JPA, Spring core, IOC, JDBC templates** etc.
* Implemented different component in Micro Services development like: **Eureka, Zuul, Hystrix, SpringBoot, Swagger, Rest Template, Ribbon, Paas, API Gateway, Splunk, Sonar Quebe, CI/CD, pipeline, MicroServices Echo System, AppDynamics, RLM, and Jenkins etc.**
* Implemented the **Asynchronous and Synchronous MicroServices Echo system.**
* Created custom annotations for logging of request/ response.
* Worked on **Pivotal Cloud Foundry (PCF)** and the implementation of MicroServicesin PCF.
* Code review and peer review.
* Involved in SDLC requirements gathering, analysis, design, development and testing of application, developed using **AGILE/Scrum** methodology.
* Code migration to **RTC** and **BitBucket** and implemented **pipeline**.
* Used **Jenkins** **pipeline** as the continuous integration tool to solve the defects in the code base rapidly and automate testing of the builds of the application.
* Implemented the **App Dynamics** for applications monitoring.
* Used the **Splunk** to monitor the logs.
* Worked with team to design and develop **Micro Services** for the loan account details, borrower details and payment details.
* Used data transfer object as a **JSON** object between client and RESTful webservices.
* Co-ordinated with development, build deployment and testing teams.
* Wrote unit testing of various components layer with **JUnit** framework and implemented the **Sonar Quebe**.
* Wrote mapping files for **Hibernate** for relation database mapping tool.
* Extensively used **Spring JPA**.
* Used **SOAP UI** for testing webservices and RESTful webservices.
* Involved in **FRD** (Functional Requirement Design) review meeting.
* Prepared High Level and Detail Design Documents.
* Prototyped and developed the **POC** **(Proof of Concept)** application**.**
* Co-ordinated with the **QA team** during design phase and testing phase.
* Resolved bugs/defects in application by coordinating with team members of the project to assure a positive outcome.
* Co-ordinated with the **deployment team** during DEV, SIT, UAT and PROD deployment.
* For application logging and notification, tracing mechanisms used **Log4J**.
* To keep track of issues and tasks on individuals used HP QC.

**Technology:** Java, Spring Boot, Hibernate, RESTful WebServices, Micro Services, Netflix Eureka plugins, Jersey, XML, Oracle, RTC, JUnit, Maven, HP QC, STS IDE, Log4J 1.2, JUnit, Jenkins.

# **Mortgage Services Gateway (MSG) June’2017 – Feb’2019**

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| --- | --- |
| Employer | Tech Mahindra Inc. |
| Client | CITI Group |
| Role | Technical Architect |
| Work Location | O’fallon, MO, USA |

**Responsibilities:**

* Involved in SDLC requirements gathering, analysis, design, development and testing of application, developed using **AGILE/Scrum** methodology.
* Involved in **FRD** (Functional Requirement Design) review meeting.
* Prepared High Level and Detail Design Documents.
* Prototyped and developed the **POC** **(Proof of Concept)** application**.**
* Development of **Micro Services** using Spring modules like **Spring Boot, Spring JPA, Spring core, IOC, JDBC templates** etc.
* Implemented different component in Micro Services development like: **Eureka, Zuul, Hystrix, SpringBoot, Swagger, Rest Template, Ribbon, Paas, API Gateway, Splunk, Sonar Quebe, CI/CD, pipeline, MicroServices Echo System, AppDynamics, RLM, and Jenkins etc.**
* Implemented the **Asynchronous and Synchronous MicroServices Echo system.**
* Created custom annotations for logging of request/ response.
* Worked on **Pivotal Cloud Foundry (PCF)** and the implementation of MicroServicesin PCF.
* Code review and peer review.
* Code migration to **RTC** and **BitBucket** and implemented **pipeline**.
* Implemented the **App Dynamics** for applications monitoring.
* Used the **Splunk** to monitor the logs.
* Worked with team to design and develop **Micro Services** for the loan account details, borrower details and payment details.
* Used data transfer object as a **JSON** object between client and RESTful webservices.
* Co-ordinated with development, build deployment and testing teams.
* Wrote unit testing of various components layer with **JUnit** framework and implemented the **Sonar Quebe**.
* Wrote mapping files for **Hibernate** for relation database mapping tool.
* Extensively used **Spring JPA**.
* Used **SOAP UI** for testing webservices and RESTful webservices.
* Co-ordinated with the **QA team** during design phase and testing phase.
* Resolved bugs/defects in application by coordinating with team members of the project to assure a positive outcome.
* Co-ordinated with the **deployment team** during DEV, SIT, UAT and PROD deployment.
* For application logging and notification, tracing mechanisms used **Log4J**.
* Used **Jenkins** **pipeline** as the continuous integration tool to solve the defects in the code base rapidly and automate testing of the builds of the application.
* To keep track of issues and tasks on individuals used HP QC.

**Technology:** Java, Spring Boot, Hibernate, RESTful WebServices, Micro Services, Netflix Eureka plugins, Jersey, XML, Oracle, RTC, JUnit, Maven, HP QC, STS IDE, Log4J 1.2, JUnit, Jenkins.

# **Order Capture Engine (OCE) Sept’2014 – June’ 2017**

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| Employer | Tech Mahindra Limited. |
| Client | AT&T |
| Role | Technical Lead |
| Work Location | Noida, U.P., India |

* Involved in preparing Functional System Design document.
* Prepared High Level and Detail Design Documents.
* Prototyped and developed the **POC** **(Proof of Concept)** application**.**
* Designed and developed authentication module.
* Used **Spring Framework** with **Hibernate**.
* Designed and developed **RESTful webservices** using **Jersey**.
* Developed Email module by understanding all Email template and using XPATH, velocity.
* Used XPATH to calculate the path of node from XML and render it using the velocity.
* Developed CIPHER Encryption, DECRYPTION algorithm using AES/DES.
* Designed and developed SMS scheduler module.

Implemented **EhCache** as a second level cache in Hibernate.

* Analysis of monolithic application and developed the **POC** **(Proof of Concept) in MicroServices.**
* Development of **Micro Services** using **Spring Boot**

Implemented different component in Micro Services development like: **Eureka, Zuul, Hystrix, SpringBoot, Swagger, Rest Template, Ribbon** etc.

* Co-ordinated with development, build deployment and testing teams.
* Wrote unit testing of various components layer with **JUnit** framework.
* Wrote mapping files for **Hibernate** for relation database mapping tool.
* Used **SOAP UI** for testing webservices and RESTful webservices.
* Worked in **Agile methodology**.
* Co-ordinated with the **QA team** during design phase and testing phase.
* Co-ordinated with the **deployment team** during DEV, SIT, UAT and PROD deployment.
* Worked on performance enhancement related to application, database connection and PL/SQL query optimization.

**Technologies:** JDK 1.6, Spring 2.5.6, Hibernate 3.5.0, log4j 1.2.15,junit 3.8.1,Subversion, , WebLogic 12c, RESTful WebServices, GIT, Maven 3.0.4 ,Eclipse IDE, JSON (Jackson 1.5.0), EhCache2.4.6, Oracle 11g, Apache Tomcat 7.0, SOAP UI, Windows.

# **Work Allocation Tool (WAT) Jan’2013 – Aug’2014**

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| --- | --- |
| Employer | AON Hewitt |
| Client | In house product development |
| Role | Developer Analyst |
| Work Location | Noida, U.P., India |

* Prepared High Level and Detail Design Documents.
* Prototyped and developed the **POC** **(Proof of Concept)** application**.**
* Designed and developed authentication module.
* Designed and developed authorization module.
* Implemented **Spring MVC**.
* Used **Spring Framework** (**IOC, AOP**) with **Hibernate**
* Involved in developing the **WebServices** in Java with **Apache Axis**. Experienced with **RESTful**, **SOAP, WSDL.**
* Co-ordinated with development, build deployment and testing teams.
* Wrote unit testing of various components layer with **JUnit** framework.
* Wrote mapping files for **Hibernate** for relation database mapping tool.
* JBOSS Server upgrade for enhancing the capability of user load.
* Used **iText API** to create .pdf files.
* Enhancement of new after getting new change request.
* Disaster Recovery plan and test.
* Help and support to new WAT users to understand the WAT functionality.
* CMR and Archival Process.
* Production issues solving.
* Implemented Wily to monitor the concurrent user load on server.
* Co-ordinated with the **QA team** during design phase and testing phase.
* Worked on performance enhancement related to database connection and PL/SQL query optimization.
* Ensured smooth co-ordination between the onsite and offshore teams on delivery.

**Technology:** Java, **JDK 1.6**, **JSP**, **Struts 2.0** **,Spring2.5, Hibernate 3.0, Web Services**, **WSDL, SOAP**, Axis 2.0, iText, **Eclipse IDE, WebLogic Server 11g**, DB2**,** Log4J 1.2, JUnit,JMS**,** Wily, **Subversion**, Windows.

# **Your Benefit Resource (YBR) Nov’2011 – Jan’2013**

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| --- | --- |
| Employer | AON Hewitt |
| Client | In house product development |
| Role | Developer Analyst |
| Work Location | Noida, U.P., India |

* As part of the development team, I was associated with the full life cycle of the project (analysis, trading design, development, testing, and implementation).
* Effectively created business models and injected them into MVC views using the controllers.
* Effectively created easy to use, reusable controls and integrated them into Servlet web pages.
* Involved in development of User Interface using Java, JSP, and Java Script.
* Used spring MVC framework at the front end and configured many beans and wired (dependency injection) them as per the requirement.
* Used BMC remedy as defect management tool for tracking the defects/issues and for working on tickets assigned.
* Involved in designing of REST web services using JAX-WS
* Set up the JBoss Application server for CA Gen web services to be up and running for testing of interfaces designed using Cool Gen.
* Designed XML Configuration files for the bean collection of the Spring framework which involves components of individual interfaces.
* Written JavaScript functions for client side code to implement different functionalities in events, validation and listeners.
* Wrote business queries in SQL for business requirement, and designed and developed Triggers Functions and stored procedures for MySQL database.
* Created Architecture and documentation of enhancements, Change requests in UML, and worked on UML designing diagram like use case diagram, class diagram, object diagram and activity diagram etc. used in all phases of SDLC.
* Developed the POC for converting the YBR web version to mobile edition which was a big achievement in organization to be in mobile app business.

**Technology:** Java, **JDK 1.5**, **JSP**, **Struts 1.2** **,Spring2.0, Hibernate 3.0, Web Services**, **WSDL, SOAP**, **Eclipse IDE, WebLogic Server 11g**, Log4J 1.2, **Subversion**, Windows.

# **R Systems International Limited, Noida Nov’2010 – Oct’2011**

**Senior Software Engineer**

# **IBM India Private Limited, Gurgaon Apr’2010 – Oct’2010**

**Senior Engineer through Collabera**

# **Adverb Solution, Noida May’2005 – Mar’2010**

**Senior Software Engineer**