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SUMMARY:

- Having **9 years** of IT experience in Object Oriented development, testing, and support of Enterprise applications using **Java/J2EE** technologies.
- Extensive experience in **core Java** and **Advanced Java frameworks** such as Spring (**MVC, IoC, AOP, Security, DI, JDBC), Servlets, ORM tools (Java Persistence API, Hibernate and MyBatis),** along with other java technologies like **EJB, Junit, Apache Struts 2, Apache Axis, JFC (SWING, AWT, Java 2D), JSTL and log4j.**
- Excellent Proficiency in frontend development using **HTML, CSS, JavaScript, AngularJS, Backbone.js, jQuery, Bootstrap, AJAX and Adobe Flash.**
- Expertise in developing and registering web services using **JAX-RPC, JAX-WS, SAAJ, JAX-RS, SOAP, REST, WSDL, UDDI** registry along with developing micro services and other middleware.
- Extensive experience with building cloud based applications.
- Has vast experience in relational databases like **Oracle, MySQL, DB2, MongoDB, NoSQL, SQL and PL/SQL.**
- Successfully designed and developed Java Multi-Threading based collector parser and distributor process, when the requirement was to collect, parse and distribute the data coming at a speed of thousand messages per seconds.
- Worked on MVC - Struts, JSF and spring framework.
- Explored **Spark, Kafka** along with other open source projects to create a real time analytics **framework.**
- Strong experience in developing and deploying applications through application servers like **Apache Tomcat, IBM WebSphere, WebLogic and Jboss** along with environments like Node.js.
- Proficient with **J2EE** design patterns such as **Session Facade, Service Locator, DAO, DTO, Value Object, Front Controller, Factory, Business Object, and Singleton.**
- Experienced with use case diagrams, activity diagrams, sequence diagrams and class diagrams using **UML** modeling tools like **Rational Rose** and **Visio**.
- Experience with **JUnit, ANT, Jasmine and Maven** scripts.
- Defined and created various functional requirement documents and design specification documents after performing requirement analysis for the systems to be developed and worked with bug tracking tools like **JIRA**
- Implemented Micro-services using Pivotal Cloud Foundry platform build upon Spring Boot Services
- Held responsibility for conceptual design, creation, and maintenance of system diagrams for development, testing & production environments, taking part in review of use case, design, code, test and implementation plans while working on all phases of **Software Development Life Cycle**.
- Excellent experience in building application with **service-oriented-architecture (SOA).**
- Skilled at interacting with clients, collection of requirement specifications from the client site, performing requirement analysis and designing.
- Has strong analytical & creative problem solving abilities along with written and verbal communication, interpersonal and presentation skills.
- Handled multiple tasks while managing time efficiently, meeting deadlines, coordinating project schedules and releases, meeting with clients and addressing their concerns.
- Has ability to quickly learn and apply new tools and technologies, translate algorithms and ideas into software applications.
- Designed **back-end solutions** for large-scale, on-demand marketing systems.
- Developed software using **Jenkins integration service**.
- Worked with **Adobe Flexto** create expressive and interactive interfaces.
- Extensive experience using **XML** and **JSON** as data interchange format for asynchronous requests along with good experience working with **XML, XSLT, XSD** and **JAXB**.
- Developed and deployed end-to-end enterprise applications using web technologies and enterprise technologies in client-server environment and distributed environments like **3-tier** and **N-tier** architectures.
- Worked on testing tools like **JUnit** for application integration testing and built highly scalable and high performing web applications that support day-to-day operations.

EDUCATION:

Bachelor's degree from **JNTUH**   **April 2008.**

TECHNICAL SKILLS:

Software development and management tools	Eclipse, IBM RAD, JBuilder, NetBeans, MyEclipse, Dream Weaver, Surround SCM, Rational ClearCase, CVS, SVN, GIT, SublimeText, Rational ClearQuest, Rational Rose XDE, TOAD, Oracle SQL Developer, Mantis Bug Tracker, PuTTY, WinSCP, Cygwin, Apache Ant, Apache Maven, MS Office, Drool, Enterprise Architect, Grunt, Bower, Jira, Webstorm, OEPE, STS, Spring Roo, Google Web Toolkit, Adobe Experience Manager
Operating Systems	Microsoft Windows, UNIX, LINUX, Solaris, Windows Server
JAVA frameworks and technologies	Junit, Log4j, Apache Struts 2, Spring, Hibernate, Apache Axis, Oracle WebLogic, Apache Tiles, Servlets, JSP, JDBC, JMS, EJB, SOAP, Java RMI, JavaMail, JAAS, JNDI, JNI, JAXP, JFC(SWING, AWT, Java 2D), JSF, JSTL, TLD, JPA, JAX-RPC, JAX-WS, JAX-RS, SAAJ, JTA, MyBatis
UI Development technologies	HTML, CSS, JavaScript, AngularJS, Backbone.js, jQuery, Bootstrap, AJAX, JSON, Adobe Flash
Software development and test methodologies	TDD, SDLC, UML, Design Patterns, Unit testing, SOA, OOAD, EAI, Agile, Scrum, Waterfall model
Database management	Oracle, MongoDB, IBM DB2, SQL, NoSQL, MySQL, MS SQL Server, ODBC, PL/SQL
Web/Application Servers	Apache Tomcat, OC4J, Oracle WebLogic Server, IBM WebSphere Application Server (WAS), JBoss (WildFly), Apache HTTP Server, IIS, GlassFish
Other Languages and Technologies	C, C++, Shell Scripting, Python, Perl, XML, XSD, DTD, XSL (XSLT, XSL-FO, XPath), SVG, ESB, Document Object Model, SAX, Wordpress, CORBA, SSO, REST, Uniface, Adobe Flex, Apache-CXF, Groovy, WSDL, IBM WebSphere software applications, Apache Zookeeper

PROFESSIONAL EXPERIENCE:

Client: GE-Transportation, Atlanta, GA   **Sep'15 to Till Date**
Role: Sr.Java/J2EE Developer

Description: GE Transportation, formerly known as GE Rail, is a division of General Electric. The organization manufactures equipment for the railroad, marine, mining, drilling and energy generation industries. It is headquartered in Chicago, Illinois while their main manufacturing facility is located in Erie, Pennsylvania. Locomotives are assembled at the Erie plant, while engine manufacturing takes place in Grove City, Pennsylvania.

Responsibilities:

- Involved in Full stack development based on **J2EE** specifications and **Spring Framework with MVC architecture**.
- Developed using web based technologies such as **Hibernate ORM and Web Services (REST/SOA /micro services).**
- Involved in developing the Angular js MVC framework for the Single Page Application development.
- Implemented different design patterns such as **singleton, Session Façade, Factory, MVC, Business delegate, session facade and DAO design patterns.**
- Web application development for backend system using Node.js with cutting edge HTML5 and CSS3 techniques
- Used **JPA (Object Mapping for the backend data persistency).**
- Worked with tracking tool **JIRA** on **Agile Scrum** performance estimation and capacity planning work with the project manager and product development teams to create and implement projects.
- Implemented purchase order entry and reporting modules using **Swing (JFC)** to handle client side **GUI.**

- Development of front end web pages **using JSP2.0, JSON, Angular JS, JS Bootstrap, CSS, JavaScript and Spring TLD.**
- Expertise in working with the JavaScript, prototype JS and various MVC JavaScript frameworks **Node.js.**
- Responsible for designing and coding of User Interfaces using **JSF, Pretty faces.**
- Design and Development of High Performance CPD processes by using multithreaded processes which in turn improved the performance by a lot.
- Worked on **cloud based applications** implementing a **service-oriented-architecture (SOA).**
- Tested code using **TDD** approach to development which combines test-first development where you write a test before you write just enough production code to fulfill that test and refactoring.
- Used Bootstrap and Angular 2.0 for effective design of Web pages.
- Developed using **Maven build scripts** to automate the deployment to various **Web Server**.
- Configured **Oracle WebLogic Server** forms part of **Oracle Fusion Middleware portfolio** which supports **Oracle,** and other **JDBC-compliant databases.**
- Created User services in Cloud Foundry for connecting database with different life cycles using spring profile.
- The user interface components are developed using Java AWT/swing API.
- Oracle WebLogic Server Process Edition configuration also includes Business Process Management and Data Mapping functionality.
- Wrote **Karma Jasmine unit,** Specflow C integration, and Protractor Jasmine integration tests with every feature.
- Worked high end on collections and multithreading.
- Worked with NoSQL database **MongoDB** and developed custom **MongoDB** applications specific to clients' needs.
- Worked exclusively on **Tomcat** for managing performance and security optimization for Web Applications.
- Used **GIT** for source control and developed a logging component using **Log4J** to log messages and errors.
- Involved in resolving bugs post production and resolved performance issues and participated in code reviews.
- Worked on relational databases and wrote SQL scripts to manage the database.
- Developed **RESTful API** for searching over the patents using **SolrJ and SolrCloudServer. Zookeeperis** used as the monitoring tool.
- Used **JSP and HTML**/CCS to implement the Web Service in **Tomcat.**
- Focused on **Test Driven Development**; thereby creating detailed **JUnit tests** for every single piece of functionality before writing the functionality.
- Created yaml file to push the application in Pivotal Cloud Foundry(PCF)
- Built a new **CI** pipeline. Testing and deployment automation with **Docker, Jenkins,** and **Ansible.**
- Experienced with **Flex framework** for building and maintaining web applications.
- Monitored the error logs using **Log4J** and fixing the problems.

Environment: Java, JSP, JMS, AJAX, Log4j,Node JS, jQuery, RESTful web services, Swing (JFC) , JSON, XML, JAX-WS, Apache CXF, AngularJS, Spring, Hibernate, JavaScript, Jasmine HTML, Apache Tomcat, Pivotal Cloud Foundry ,Ansible, CSS, Apache Zookeeper , Spark, Kafka, EJB, ANT, JUnit, Jboss, ECLIPSE LUNA, GIT, and Oracle, MongoDB.

Client: Charter Communication, Tampa, FL   **Apr'14 – Aug'15**
Role: Java Full Stack Developer

Description: Charter Communications navigated its way to the #2 cable company by making a bigger boat. The cable system operator leaped to the second spot, behind Comcast, with its acquisitions of Time Warner Cable and Bright House Networks for a total of some $70 billion in 2016. The deal expanded the reach of the company, which has taken the name Charter Spectrum. Serving 17 million video subscribers and 19 million broadband customers, it offers a full range of services to residential and business subscribers including cable TV, high-speed Internet, Voice over IP telephone, and entertainment packages. Its Charter Business unit provides Internet access, data networking, phone, and wireless backhaul services to about 500,000 commercial clients.

Responsibilities:

- Worked on gathering system requirements for the application, working with the business team to review the requirements in the software requirement specification document, architecture document followed by other phases of **Software Development Life Cycle.**
- Designed and developed systems based on **J2EE** specifications and used Spring Framework with **MVC** architecture.

- Used **Spring Roo Framework Design/Enterprise Integration** patterns and **REST** architecture compliance for design and development of applications.
- Involved in the application development using Spring Core, Spring Roo, Spring JEE, Spring Aspects modules and Java web based technologies such as **Web Service (REST/SOA /micro services)** including micro services implementations and **Hibernate ORM**.
- Analyzed the **Node.JS** server structure in legacy project, then mimicked the **REST service** by using Java **JAX-WS** API, and did the corresponding configurations.
- Used multithreading for writing the collector parser and distributor process, which was getting real time data from API in format of JSON, using multithreading improved the performance by a lot. More over using concurrency package of collections made it thread safe.
- Testing/BDD using Jasmine for JS unit tests and Cucumber for integration tests
- Involved in developing custom components using JSF, JQuery.
- Implemented different design patterns such as singleton, Session Façade, Factory, and **MVC** design patterns such as Business delegate, session façade and **DAO** design patterns.
- Used **JPA** - Object Mapping for the backend data persistency.
- Worked on **Agile Scrum** performance estimation and capacity planning work with the project manager and product development teams to create and implement projects.
- Involved in project migration (existing swing application to web integration) using Struts 2.0 web frame work based on MVC2 Architecture.
- Developed on demand, combo and compression server using **Node.js.**
- Created Single Page Application with loading multiple views using route services and adding more user experience to make it more dynamic by using AngularJS framework.
- Worked and configured **Mongo DB** using spring -JPA and Spring Data to store hierarchical data.
- Tested the code using **TDD** approach to development which combines test-first development where you write a test before you write just enough production code to fulfill that test and refactoring.
- Developed front end web pages using **JSP2.0, JSON, jQuery, Angular JS, CSS, JavaScript and SPRING TLD.**
- Developed Maven build scripts to automate the deployment to various Web Servers.
- Slimming and fine tuning the Enterprise **JBoss** Application server image
- Architected and designed Rapid deployment method using **Ansible** to auto deploy servers as needed.
- Used JDBC to connect & retrieve data from DB (for existing Swing application) to connect to Oracle.
- Implemented a high-performance data processing platform using **Apache Kafka, Apache Cassandra, and Apache Spark** to analyze stock data. Executed the test steps defined in Test Cases and reporting the bugs in **JIRA.**
- Responsible for maintaining and expanding **AWS** (Cloud Services) infrastructure using **AWS** Stack especially worked with database setup and maintenance on **AWS EC2**.
- Configured Tomcat server which gave users a single point of access to the applications, services, information and social connections they need.
- Wrote SQL scripts to manage databases.

Environment: Java, JSP, Soap Web Services, PL SQL, SDLC, JavaScript, Node.js**,** Jasmine, Apache Tomcat, Swing, Ansible, Apache Kafka, HTML, Jboss, MongoDB, CSS, Oracle 11g, CVS, Windows XP, Eclipse, SVG, RAD (Rational Application Developer), AWS, Toad, , SQL Developer, putty, WinSCP, Rallydev.

Client: Nationwide Insurance - Columbus, OH	**Aug'13- Mar'14**
Role: Full Stack Java Developer	

Description: Nationwide Mutual Insurance Company is well known for providing insurance and financial services in the United States. One of the Web Application CIQ involves the design and development of a Web based internet application to provide online insurance services. The web application provides functionalities such as Internet Insurance Quote for Customers and Agents. The customer can access complete account information, policy information, and receive instant auto insurance quote and report a claim. Developed from scratch therefore involved in Design and Development of the web application until deployment and production support.

Responsibilities:

- Developed new architectural design solutions, functional and technical requirement specifications, use cases, non-functional requirements and provide expertise to technical and functional efforts, teams, and projects with full stack development.

- Designed new **UML** diagrams through **Use Case Diagrams, Class Diagrams, Sequence, components, activity**.
- Identified scenarios and strategies for performance testing and collaborate with test team on execution.
- Created **SOA** systems architecture and high-level design for scalable and high-performance enterprise applications.
- Established relationships and lead/direct technical development teams for **SOA-based design, architecture, development, and testing.**
- Created Architecture enhancements for Distributed **J2EE** applications and legacy integration with Mainframes applications.
- Involved in the application development using **Spring Core, MVC modules and Java web based technologies; such as, Servlets, JSP, Java Web Service (REST/SOAP based), WSDL**.
- Worked on Backbone views with declarative event handling which connects it all to the existing API over a RESTful JSON interface.
- Deployed flow of Execution in the Servlets Environment using JSF and defined Navigation Rules for handling page Navigations using Spring WebFlow.
- Implemented JSF Converters to handle formatting and Localization and configured the faces-config.xml to create a web application navigation rule.
- Used Callable objects for implementing multithreading for parallel execution of independent events.
- Implemented different design patterns such as singleton, business factory and J2EE design patterns such as Business delegate, session façade and **DAO** design patterns.
- Developed the **HTTP** based Web Service Client which calls up the existing web service to get the application related data which comes in **XML** format.
- Used AngularJS directives to reduce the usage of redundant code and to create pie-charts, bar-graphs and also familiar in using data-binding and dependency-injection concepts in **AngularJS.**
- Used Hibernate - **Object Relational Mapping** Tool for the backend data persistency.
- Created a spring container file for configuring Hibernate and to perform Dependency injection among all bean class involved in business logic operation.
- Fetching the records for **SOAP and Restful** requests from **Oracle DB using SOLR** search.
- Worked with **Tomcat** as the application server and WebLogic as the **webserver.**
- Used **No SQL** databases like AWS DYNAMO DB and S3 for data persistence.
- Wrote services to store and retrieve user data from the **MongoDB** for the application on devices.
- Performed estimation and capacity planning work with the project manager and product development teams to create and implement projects.
- Used **Struts and JSTL tag libraries in the JSP pages.**
- Executed all the web service test scenarios by using **SOAP UI.**
- Automated test cases with **SOAP UI and Groovy scripting.**
- Developed front end web pages using **JSP2.0, JSON, Angular JS, CSS, JavaScript**.
- Developed **Maven build scripts** to automate the deployment to various Web Servers.

Environment: UML, OOAD, Agile/SCRUM, GOF Patterns, SOA Patterns, EAI Patterns, MongoDB, RSA, MS Visio, Java 7, JSP, Droplets, jQuery, MySQL, Angular JS, JSON, Dynamo Servlets, JDBC, Struts1.1, ATG 9.0, XML, Apache Tomcat, EJB, JMS, Oracle 10g, Linux, Maven, XML, AWS, Web Services (SOAP, Rest full), Soap UI, Solr, Splunk, Jenkins

Client: Agfa Healthcare -Mountain View, CA   **Nov'12- Jul'13**
Role: Java/J2EE Developer

Description: Agfa HealthCare supplies hospitals and other care organizations with imaging products and systems, as well as information systems. It comprises of many projects like Enterprise Imaging, Integration Care, Digital Radiology and Education. In Agfa, I work for cardiology department as a R&D java developer, where it is a section of Enterprise Imaging project and it captures the images of heart, create the cardiac data of patient and will be send to care teams. As

part of project, I implemented the GUI and report view by using the AngularJS framework and Core java concepts (with EJB as interface).

Responsibilities:

- Developed **SVN** controls to track and maintain the different version of the project.
- Actively involved in analysis, detail design, development, bug fixing and enhancement in **agile** methodology.
- Involved in daily **scrum** and **sprint** planning meetings.
- By using **AngularJS** implemented rich functionality by creating advance directives, services, events, CRUD, grid options, and multi - selection. Also added new features and worked performance optimization.
- Enhanced the features of diagram based graphics by using **SVG** and **AngularJS** frame work.
- Created templates using **HTML & CSS** and developed components using **AngularJS**.
- Performed **Unit Testing** using Jasmine.
- Worked on Collections extensively to store, retrieve and manipulate Objects in business logic layer to generate the data into Jasper Reports.
- Used various core java concepts like **Collections and Multithreading** for complex data computations and analysis.
- Expertise in Selenium Automation using Selenium **WebDriver**, **Selenium IDE, Java & Maven**.
- Used iReport tool for **Jasper** Report configuration.
- Created documents for Software design and work flow with sequence diagrams, data flow diagrams and entity relationship diagrams.
- **XSLT** was used to get reusability with **XSL-FO.**
- Handled **QC** defects, worked with test team and validate the defects.
- Developed **Exception handling framework** and used l**og4J** for logging.
- Worked on HP Quality Center tool for executing the test cases to test the application.
- Involved in writing test cases for **Selenium Automation Tool** to test the application.
- Performed importing of data into application by using **Hapi** Test Panel.
- Used **JBoss** as a server to run the application and deploy WAR files.
- Extensively use **Eclipse, Notepad**++ and Sublime IDE's with **SVN** Tortoise as Code Repositories.

Environment: Java, J2EE, EJB, Json, RESTful Services, AngularJS, HTML, XSLT, JavaScript, CSS, Selenium IDE, iReport Tool, HP Quality Center, Eclipse, MySQL and Jboss Server.

Client: ING Vysya Bank, New Delhi India   **Aug'10 – Oct'12**
Role: Java/J2EE Developer

Description: ING Vysya Bank was a privately owned Indian multinational bank based in Bangalore, with retail, wholesale, and private banking platforms formed from the 2002 purchase of an equity stake in Vysya Bank by the Dutch ING Group. This merger marked the first between an Indian bank and a foreign bank.[3] Prior to this transaction, Vysya Bank had a seven-year-old strategic alliance with erstwhile Belgian bank Banque Bruxelles Lambert, which was also acquired by ING Group in 1998.

Responsibilities:

- Involved in analysis, design and development of e-bill payment system as well as account transfer system and developed specs that include Use Cases, Class Diagrams, Sequence Diagrams and Activity Diagrams Prepared solution
- Involved in designing the user interfaces using **JSPs**.
- Developed custom tags, **JSTL** to support custom User Interfaces.
- Developed the application using Spring Framework that leverages classical **Model View Layer (MVC)** architecture.
- Hands on experience on MS Sql solving complex query.
- Used **Eclipse** for writing code for **JSP, Servlets.**
- Implemented persistence layer using Hibernate that use the **POJOs** to represent the persistence database tables. These **POJOs** are serialized Java Classes that would not have the business processes
- Implemented Hibernate using the Spring Framework (Created the session Factory).
- Implemented various **J2EE** Design patterns like Singleton, Service Locator, Business Delegate and Transfer Object.

- Tested **HL7** messages through the deployed route/project with proper configuration properties files using Putty and winscp.
- Implemented the application using the concrete principles laid down by several design patterns such as **MVC**, Business Delegate, Data Access Object, Singleton and Factory.
- Deployed the applications on BEA **WebLogic** Application Server.
- Developed **JUnit** test cases for all the developed modules.
- Used **CVS** for version control across common source code used by developers.
- Used **Log4J** to capture the log that includes runtime exceptions.
- Used **JDBC** to invoke Stored Procedures and database connectivity to **ORACLE**.
- Refactored the code to migrate from **Hibernate2.x** version to **Hibernate3. x.** (I.e. moved from xml mapping to annotations) and Implemented the Hibernate Filters and Hibernate validators.
- DAO and the hibernate transactions was implemented using spring framework.
- Generated property list for every application dynamically using **Python**.
- Used **AJAX** and **JavaScript** for validations and integrating business server side components on the client side with in the browser.

Environment: Java, J2EE, JSP, JNDI, Python, Oracle 10g,HL7, DHTML, ANT, Rationale Rose, Eclipse 3.1, Unix, Web logic Application Server, Hibernate 3.0, Spring, LOG4J, CVS.

Client: Spencer's, Bangalore, India	**Jun'08– Jul'10**
Role: Java Developer	

Description: David Spencer Ltd. (commonly known as Spencer's) operated a department store chain in the province of British Columbia, Canada during the late 19th century and the first half of the 20th century.Founded in the city of Victoria in 1873 by David W. Spencer, the first store, located on Government Street, consisted of a dry goods shop operating under the name "Spencer and Denny". The store prospered and expanded, and a second store was opened in 1890 in Nanaimo. The Vancouver store, which opened in 1907, was so successful that it soon expanded to occupy almost an entire city block. Other stores later opened in Chilliwack and New Westminster.

Responsibilities:

- This project was to develop the **e-commerce platform** of **Spencer's** in India.
- Built the home page, implemented the add product functionality along with the variations in the product features.
- Implemented the checkout functionality and the payment gateway.
- Created Single Page Application with loading multiple views using route services and adding more user experience to make it more dynamic by using **AngularJS framework**.
- Involved in designing the user interfaces using **JSPs.**
- Developed custom tags, **JSTL** to support custom User Interfaces.
- Analysis of business & system requirements including impact analysis on existing systems.
- Involved in developing database transactions using **JDBC**.
- Involved in using **Spring Framework IOC** for bean conceptual application and **Spring ORM framework** for mapping database using Hibernate.
- Written **hibernate-cfg.xml file** in Hibernate for mapping objects to the relational database.
- Used **web services** to retrieve the custom documents.
- Developed messaging system using **JMS** and written message listeners.
- Developed **DAO (Data Access Object)** classes in order to access data from database.
- Used **SVN** as **Version Control Software**.
- Tested the critical application's functionalities before moving those into production by using various testing methodologies.
- Co-ordinated with **QA** for testing, Production releases, Application deployment, integration and conducting walk-through code reviews

Environment: Spring, HTML5, CSS, Junit, PayPal API, JDBC, Servlets, JSP, Eclipse.