Sanjay
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Professional Summary:

- Over 8+ years of progressive experience in software development includes Analysis, Design and Development of Web-based applications.
- Experience in all aspects of **Software Development Life Cycle (SDLC)** including requirements analysis, code development, code integration, testing and deployment using Object Oriented Analysis and Design with **Java/J2EE**.
- Very good experience in following **Agile, TDD and Waterfall** methodologies for application development.
- Worked in developing User Interface web applications using **HTML, CSS3, JavaScript, Typescript, Angular Js, Angular2, Node Js , React Js , Backbone Js , JQuery, AJAX , Bootstrap** and **JSTL**.
- Expertise in **Core Java (OOP Concepts)** concepts including **Collections, Exception Handling, Multi-Threading, Generics** and **Java I/O** etc.
- Expertise in using **Java8** features in developing the code like Lambda expressions, Method references, creating resource classes, fetching documents from database.
- Strong design and development experience in **J2EE** technologies including **JSP, JDBC, JNDI, Servlets** and **JMS**.
- Experienced using **Java/J2EE** Design patterns like **Singleton, Factory, Abstract Factory, Command, Business Delegate, DAO, Session Facade, and MVC**.
- Experience in developing with various open source frameworks such as **Java Server Faces (JSF), Spring (Core, IOC, AOP, Batch, Security, Boot) Framework, Struts Framework, Tiles Frameworks** and **ORM Tools** like **Hibernate** and **IBatis.**
- Experience in **ORM** Library with **Hibernate** for mapping Object-Oriented domain model with Relational Database.
- Experience in using Web Services like **SOAP** protocol **in JAX-WS** and **RESTFUL** web services.
- Expertise in producing and consuming **SOAP** based & **Restful** web services using **WSDL, SOAP, AXIS, JAX-WS, REST-Jersey, UDDI,** and **WS-Security.**
- Good Knowledge of **Cloud Computing software's (IaaS)** of that of **Amazon Web Services (EC2, S3, RDS and EBS).**
- Worked with **Web Sphere Application Server, Oracle WebLogic application server, JBoss** and **Apache Tomcat** Application Server.
- Worked on **SQL/No SQL** databases systems like **Oracle, My SQL, DB2** and **MongoDB, Cassandra.**
- Proficient in writing and handling **SQL** Queries, **PL/SQL**, Stored Procedures and Triggers.
- Experience with **Selenium web Driver, Protractor, TestNG, MOCKITO**, **JUnit, Cucumber, Log4j** in developing test cases and determining application functionality.
- Subversion **SVN, CVS, GIT, Tortoise** and **Visual Source Safe (VSS)** as versioning software tools.
- Hands on experience in building tools like **ANT, Maven and Gradle**.
- Complete understanding of the DevOps process with continuous integration using **Jenkins, JIRA, Bamboo and CHEF**.
- Involved in designing fully distributed system with the use of **Restful API** and **Micro Services**.
- Experience in developing applications on **Windows, UNIX** and **Linux** platforms.
- Highly experience with Java complaint IDE's like **STS, Eclipse**, **RAD, JBuilder, IntelliJ** and **NetBeans.**
- Having Experience on **UNIX** commands and Deployment of Applications in Server.
- Domain knowledge and business expertise in **Banking**, **Insurance**, **Healthcare.**

Technical Skills:

Programming Languages	C, C++, JDK 1.2/1.3/1.4/1.5/1.6/1.7/1.8 , UML 2.X, SQL, PL/SQL and HQL.
Web Technologies	HTML5, DHTML, XHTML, CSS3, Java Script, Ajax, JSON, NODE JS, JQuery, AngularJS, JSF, XML, XSD, XSL/XSLT, SAX/DOM, DOJO.
Frameworks	Struts 1.1/1.2/1.3.8, Spring 1.2/2.0/3.1/4.0, JSF 1.1, 2.1, J2EE, JMS, JUnit, AJAX, Jasper reports, Spring Security, Backbone JS, Log4J, Node-JS 6.x
Web Services	RESTFUL, SOAP, JAX-RPC, JAX-RS, JAX-WS, JAX-B, UDDI, WSDL and Micro Services.
Application/Web Servers	Apache Tomcat 8.x/9.x, IBM Web Sphere 9.x, WebLogic 12c, and JBoss 3.2/4.0.
RDBMS	MySQL, Oracle 8i/9i/10g/11g/12c, Microsoft SQL server, MS Access, Mongo DB, Cassandra.
IDE Tools	Net Beans3.3, Eclipse8.x/7.x/6.x/3.x/, My Eclipse 6.0/5.1.1, JBuilder 8.0, Spring Tool Suite (STS), RAD 7.0 and IntelliJ 4.5/5.1/6.0
O-R mapping	Hibernate 3.x/4.x, JPA and IBatis.
Modeling/ CASE Tools	Rational Rose.
Testing Tools/ Others	Soap UI, JUnit 4.x, JIRA, Jenkins, Bamboo, Rational Clear Quest and Mockito.
Version Control Tools	SVN, CVS, GIT and Rational Clear Case.
OS & Environment	Windows 7/8/10, UNIX and Linux.

Professional Experience:

Client: PPD - Morrisville, NC   **Jan 2016 – till date**
Role: Full Stack Java Developer

Description: PPD (Pharmaceutical Product Development) is a pharmaceutical and consumer packaged goods manufacturer. For this a website is developed for commercial services and which provides the access to various forms of data sources and ingest them into the database. The functionalities involved in are Product Catalog, Order Management, Account Payable and Electronic Contracting.

Responsibilities:
- Actively involved in various phases of **Software Development Life Cycle (SDLC)** such as Design, Analysis, Development and Testing.
- Extensively worked with business analysts and product managers to help writing user stories in sprint planning.
- Actively participated in the daily **SCRUM (Agile**) meetings with our team to produce quality deliverables within time.
- Developed the **UML** Use Cases, Activity, Sequence and Class diagrams using **Rational Rose.**
- Implemented front-end layout and behavior with **HTML, JavaScript, JSTL, JSF, Angular2.0, BackboneJS, CSS,** and **NodeJS.**
- Implemented generating the verification hash code using crypto package on **Node.JS** and Added user validations and user permissions by using the **Node.JS**
- Developed complex **Angular2.0** UI nested components for reuse and rapid development **Angular2.0** for each SPA and developed the administrative UI using **Angular 2** and **Node.js**.
- Performed form validations using reactive forms from **Angular2.0** framework.

- Upgraded existing **UI** with **HTML 5, CSS3, JQuery** and **Bootstrap** with **AngularJS 2.0** interaction.
- Extensively used **Core Java** concepts such as **OOP Concepts, Collections Framework, Exception Handling, I/O System, Multi-Threading, JDBC.**
- Wrote compact and clean code using object oriented design approach and **Java 8** features such as Function, Supplier and Lambda.
- Developed and implemented the **MVC** Architectural Pattern using **Spring 4.X** Framework including **JSP**, **Servlets**, **Session Bean** and Action classes.
- Used **Hibernate, object /relational mapping (ORM)** solution, technique of mapping data representation from **MVC** model to **Oracle11g** Relational data model with an **SQL-based** schema.
- Designed and developed the End Points (Controllers), Business Layer, DAO Layer using **Hibernate/JDBC.**
- Designed and developed business components using **Spring Boot, Spring Dependency Injection (Core), Spring AOP, Spring Annotations** and handled the security using **Spring Security**.
- Developed Business components and integrated those using **Spring** features such as **Dependency Injection** for injecting beans and **Auto Wiring** various components such as **DAO** layers and service proxy layers.
- Removed all the **XML** based configurations required to build the **MVC** application and maintained in the classes using **Spring Boot.**
- Developing, testing, constructing **Restful API** web Services using **Apache CXF** implementation.
- Implemented **SOA** architecture with web services using **Restful** and **XML** for sending and receiving data from different applications.
- Designed and developed functionality to get **JSON** document from **Mongo DB** document store and send it to client using **RESTful** web service.
- Experienced working with database setup and maintenance on **AWS EC2**.
- Configured and managed public/private cloud infrastructures using **Amazon Web Services (AWS)** like **VPC, EC2, S3, Cloud Front, ELB** and **Elastic Beanstalk**.
- Created and configured the continuous delivery pipelines for deploying **Micro Services** and lambda functions using **Jenkins CI** server.
- Involved in development and deployment of one such **Micro Services** which is responsible for calculating the Risk associated with client.
- Worked on SOAP based web service to integrate CDD application with Risk Calculating utility **Micro Services.**
- Deploying and maintaining production environment using AWS EC2 instances and ECS with **Docker**.
- Created the **Docker** containers and **Docker** swarm consoles for managing the application life cycle.
- Implemented the function to send and receive **AMQP** messages on **RabbitMQ** synchronously and asynchronously, and send **JMS** message to **Apache ActiveMQ** on the edge device.
- Used **Hibernate** in the persistence layer to persist data into both databases **Oracle** and **Mongo DB**.
- Involved in creating **JUNIT** test cases and ran the **TEST SUITE**. Ran check style, PMD defects & Find bugs and fixed them.
- Used **JIRA** to assign, track, report and audit the issues in the application.
- Used **Eclipse 8.x** to develop the Web Application and deployed on **WebSphere** application server.
- Performed deployment of applications on **IBM WebSphere** Application Server.
- Configured and customized logs using **Log4J**.
- Involved in installing and configuring **Maven** for application builds, deployment and used **Jenkins** for continuous integration of builds.
- Involved in peer level design & code reviews. Used **GIT** for version and source control.

Environment: Core Java 1.7/1.8, Java Util Packages, Java Script, Angular2.0, HTML, CSS, JQuery, AJAX, JSON, JSP, Servlets, JDBC, NodeJS, Hibernate 4.x, Spring 4.X, REST Web Services, AWS, Mongo DB, XML, Oracle 11g, UML, WebSphere, Junit, Jira, Log4j, Maven, GIT , Micro services, Jenkins, Eclipse8.x.

Client: PNC Bank - Pittsburgh, PA	**Oct 2013 - Dec 2015**
Role: Full Stack Java Developer	

Description: PNC Bank is one of the secured financial institutions that serves huge domain of customers. The current application is a part of online banking that allows a customer to pay bills securely as well as enroll in monthly automatic recurring bill payment. The functionalities involved in e-bill payment are Add a Payee, Make a Payment, Set up Automatic Payments, Receive Bills Electronically, Request E-mail Notifications and Review Payments .The application also supports intra and interbank transfer of funds for a given customer.

Responsibilities:
- Worked on **SDLC** Requirements gathering, Analysis, Design, Development and Testing of application using **AGILE** methodology **(SCRUM).**
- Handling client change requests and enhancements on an **Agile** based development platform.
- Created detail design documents with **UML** diagrams Use Case Diagrams, Activity Flow diagrams, Class Diagrams and Object diagrams in design phase.
- Developed Web Application using **HTML 5, JavaScript, AngularJS, JQuery, JSF, JSON, AJAX, Spring Boot, Spring MVC, Hibernate** and **Spring AOP.**
- Developed multi-threading project, considered concurrency situation and security aspect, avoid of SQL injection. Using synchronized method and synchronized variable.
- Enhanced user experience by designing web features using Framework like **AngularJS** and **NodeJS**.
- Used **NodeJS** as a sever side programming language and Implemented production-grade **Node.JS.**
- Used **AJAX** to request **JSON** data from the backend and showed the data in the screen with the format of tables and charts.
- Implemented major concepts of **Core Java, J2EE, Servlets3.0, JSP, JDBC, MVC, Spring Framework, Hibernate5.0.x and XML.** Extensively used **Core Java API, Spring API** in developing the business logic.
- Worked on **Servlets, JSP, JDBC** and **JavaScript** under **MVC** Framework and implemented **OOAD** concept in the applications.
- Worked on **Spring IOC**, **Spring MVC** Framework, **Spring Messaging** Framework and **Spring AOP** to develop application service components.
- Implemented navigation layer using **Spring 3.1 MVC** components like dispatch servlets, controllers, view resolver components.
- Primarily focused on the spring components such as **Spring MVC**, **Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.**
- Implemented **Spring 3.1** to support user-level, application-directed control flows.
- Used **Spring Boot** which is radically faster in building cloud **Micro Services**.
- Developed the cloud based application using **Spring Cloud** and **Pivotal cloud foundry**.
- Implemented the caching mechanism in **Hibernate** to load data from **Oracle10g** database and application level persistence using **Hibernate** and **Spring**.
- Implemented Persistence layer using **Hibernate** to interact with the **Mongo DB** database, Used **Hibernate** Framework for object relational mapping and persistence.
- Imported data from various resources to the **Cassandra** cluster using **Java APIs**.

- Developed several **REST** web services supporting both **XML** and **JSON** to perform tasks such as remote thermostat and demand-response management. **Restful** web services leveraged by both web and mobile applications.
- Integrated process into build system which auto-generates **Restful API** documentation from source code improving **API** documentation quality and availability while reducing maintenance costs.
- Used **AWS** S3 to store data and to retrieve the stored date very quickly and used Elastic Search for searching the document. Used **AWS SNS** to send messages to multiple users and delivered in an algorithmic way using **AWS SQS**.
- Migrated Spring based application to **Cloud based Micro service API**.
- Involved in **WebLogic** administration like setting up **Data Sources**, deploying applications.
- Configured and Deployed the **Web Application Achieve (WAR)** in **WebLogic** Application Server.
- Providing Version Control with Subversion and automated Build& Deployment with **Jenkins**.
- Implemented **Log4J** for Logging Errors, debugging and tracking using logger's components.
- Involved in different types of testing like **Unit, System, Integration** testing etc. is carried out during the testing phase.
- Developed the application using **Maven** and build & deployed the services.
- Used **GIT** version control for source code.
- Actively used the defect tracking tool **JIRA** to create and track the defects during **QA** phase of the Project.

Environment: Java, J2EE, HTML5, CSS3, Java Script, JQuery, AngularJS, NodeJS, Spring 3.1, Hibernate 4.x, MVC, Oracle10g, Web Services, Micro Services, Mongo DB, Maven, WebLogic, RAD, JUnit, JMS, Log4j, REST, AWS, Jenkins, JIRA, SVN, XML.

Client: Jackson National Life Insurance - Lansing, MI   **Dec 2011 – Sep 2013**
Role: Java/J2EE Developer

Description: Jackson National Life Insurance Company is well known for providing insurance and financial services in the United States. This Web Application 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:
- Involved in all phases of **System Development Life Cycle (SDLC)** including Requirement gathering, Analysis, Design, Implementation, Deployment and Support.
- Followed **Agile** methodology and participated in daily **SCRUM** meetings.
- Implemented **Agile (SCRUM)** methodology and **Test Driven Development (TTD)** for the software development process and to produce high quality application.
- Developed and enhanced the application using **Java** and **J2EE (Servlets, JSP, JDBC, JNDI, EJB), Web Services (SOAP and RESTful), HTML, JavaScript, Angular JS, React Js, AJAX, JSON, CSS, XML, XSD, Maven, Log4J** and **Oracle 8i.**
- Involved in working with **J2EE Design Patterns (Singleton, Session, Facade and DAO).**
- Involved in creating **Use Cases, Class Diagrams and Sequence Diagrams** using **UML.**

- Worked on **Hibernate ORM.** Created **Hibernate XML files** and **Java class files** to map the object relation mappings.
- Used **Hibernate Query Language (HQL)** and **Custom Queries** to query data from **Oracle database** in **DAO.**
- Designed and developed web-based software using **Spring MVC** Framework and **Spring Batch.**
- Involved in creating and extracting data from database using **SQL queries, PL/SQL Stored procedures, triggers and packages** on **Oracle** database and performed **CRUD** operations using **JPA query language**.
- Good experience in tools such as **TOAD** and **SQL Developer** for database development and interaction.
- Developed and maintained the **Application Context files** for the service layer using **Spring 2.0 Framework.**
- Used **SOAP** Web Services for secure extraction of client related data from database using **Apache CXF.**
- Performed Aggregation, Parallel processing, developed Camel Orchestration layers to integrate different components of the application using **Apache Camel.**
- Used **RESTful** in conjunction with **Ajax** calls using **JAX-RS** and **Jersey.**
- **Multi-Threading** and **Caching** were used to improve the performance and user experience.
- Made single page module using **Angular JS Framework**. Implemented the business logic using **JSP, JSTL, Java Beans and service classes**.
- Involved in the development of **presentation layer, GUI** using **CSS3 and HTML5.**
- Involved in configuring **JMS** and **JNDI** in **JBOSS** application server.
- Involved in **Performance tuning** of the application and documentation of **trouble-shooting**.
- Used **ANT** to build, run and create **JARs** and **WAR files.**
- Responsible for deploying the application in to the **JBOSS** Application Server.
- Configured development environment **JBOSS** application server for developer's integration testing.
- Used **CVS** for version control.
- Application was logged using **Log4J**, and exceptions were logged into the database using **JDBC**.
- Used **Junit** for testing the entire application, rectified performance bottlenecks and eliminated critical bugs.
- Created numerous test cases using **JUnit framework** and **JUnit** for testing modules.
- Used **Hudson** as a continuous integration tool.

Environment: Java 1.7, J2EE, Spring 2.0, HTML, Hibernate 3.x, SQL, PL/SQL, JSP, Angular.JS, JSTL, JSON, AJAX, JQuery, Oracle 8i, ANT, SVN, XML , JAXB, Log4J, JUnit, JBOSS, SOAP, RESTful Web Services, WSDL 2.0,Jersey, JAX-RS, JAX-WS, Apache CXF, Apache Camel, CVS, Hudson.

Client: Cybage Software Pvt. LTD - Hyderabad, India　　　　　　　　　　**Jan 2010 – Oct 2011**
Role: Java Developer

Description: Electronic Medical Record (EMR) is a web-based java solution that capture data from different fields, different forms to compile individual Health data that can be shared across different health care settings and different clinicians. This individual data can be compiled to generate different types of reports that can help the organizations to grow their business rapidly.

Responsibilities:
- Participated in the requirement analysis and design of the application using UML/Rational Rose and **Agile methodology.**

- Involved in developed the application using **Core Java, J2EE** and **JSP's**.
- Worked to develop this Web based application entitled EMR in **J2EE framework**, which uses **Hibernate** for persistence and **Junit** for testing.
- Used **JSP** to develop the front-end screens of the application.
- Designed and developed web-based software using **Struts 1.3.10** Frame work**.**
- Designed and developed several **SQL Scripts**, Stored Procedures, Packages and Triggers for the MySQL v5.2 **Database**.
- Used Indexing techniques in the database procedures to obtain search results.
- Involved in development of **Web Service** client to get client details from third party agencies.
- Developed nightly **batch jobs**, which involved interfacing with external third party state agencies.
- Test scripts for performance and accessibility testing of the application are developed.
- Responsible for deploying the application in client **UAT** environment.
- Prepared installation documents of the software, including Program Installation Guide and Installation Verification Document.
- Involved in different types of testing like **Unit, System, Integration testing** etc. is carried out during the testing phase.
- Provided production support to maintain the application.

Environment: Java, J2EE, Struts 1.3.10 Frame work, JSP, Web Service, Hibernate 3.x, MySQL v5.2 CE, My Eclipse, Subversion, PL/SQL, Apache Tomcat, UML, Windows.

Education Details:

- Bachelor of Technology in Computer Science and Engineering, India.

References:

- Available on request.