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Description automatically generated**Praneeth Golla**

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**PROFESSIONAL SUMMARY:**

* Seasoned **Senior Full-stack Java Developer** with a rich **10-year** history in **Java/J2EE** and Object-Oriented methodologies. Demonstrated expertise across a spectrum of project domains, encompassing enterprise-level solutions to dynamic web applications.
* Proficient in various **SDLC** methodologies, including **Agile**, **Scrum,** and **Waterfall**. Proven ability to adapt to project-specific requirements and lead development teams effectively.
* Extensive knowledge and hands-on experience in both **Core** and **Advanced Java**. Proficiency includes **Servlets, JSP, JavaScript, jQuery, Struts, Spring, Hibernate, Maven, Gradle, Ant, JNDI, JUnit, TestNG,** and **XML** technologies.
* Strong grasp of fundamental **Java concepts**, such as **Object-Oriented Programming**, **Collections Framework, Exception Handling, Multi-Threading, I/O Systems, JDBC,** and **Algorithms.**
* Accomplished in **UI design and development** with expertise in **HTML5, CSS3** (including SASS and LESS), **JavaScript, Bootstrap**, and **AJAX**.
* Hands-on experience in building client-server business applications using **Spring MVC, Spring Boot**, and **Microservices** architecture.
* Proficient in **Grails, Groovy, Hibernate/GORM, Jenkins, Spring Framework.**
* In-depth knowledge and extensive experience with modern front-end frameworks like **Angular (2/4/6/7/8), ReactJS,** and **Redux.**
* Developed single-page application (SPA) using **Angular 13,** ensuring high performance and responsiveness.
* Well-versed in **AWS** (Amazon Web Services) **IaaS components** like **EC2** and **Terraform** for infrastructure provisioning.
* Experienced in managing **Docker**-contained **Spring Boot Microservices** within **AWS EC2** container services.
* Strong understanding of **Microsoft Azure services**, including **Azure Resource Manager (ARM)** templates, **Azure App Service, Azure Functions,** and **Azure Kubernetes Service (AKS).** Proficient in building and integrating **Java applications** with **Azure services**.
* Proficient in deploying and managing containerized applications using **Google Kubernetes Engine (GKE).**
* Utilized **Google Cloud Storage** to store and manage data, enabling seamless access to resources across applications.
* Extensive experience in designing, developing, and deploying serverless functions on cloud platforms like **AWS Lambda** and **Azure Functions.**
* Proficient in **Kubernetes,** including managing deployments across different environments and configuring **Kubernetes clusters** for **Jenkins CI/CD pipelines.**
* Used **Python** for developing **microservices** architecture, enhancing scalability and modularity.
* Skilled in **version control tools** such as **GIT, SVN**, and **CVS.**
* Proficient in **REST-based** and **event-driven systems**, including **Kafka** and **JMS**, and integration frameworks like **Apache Camel.**
* Strong experience in working with both **SQL (Oracle 11g/12C, MS SQL Server, MySQL Server, DB2)** and **NoSQL (MongoDB, Cassandra)** databases.
* Extensive experience across various **operating systems**, including **UNIX, Sun Solaris, Linux, and Microsoft Windows.**
* Proficient in **unit testing, integration testing,** and **bug tracking** using **JUnit, Mockito,** and **JIRA.**
* Experience using **Splunk** to monitor cloud-based application **AWS EC2** an**d RDS** instances.
* Developed and executed **performance tests** to evaluate how **web applications** and **APIs** handle various load conditions.
* Used tools like **JMeter,** and **LoadRunner** to conduct load, stress, and endurance testing.
* Integrated **Prometheus** with other monitoring tools such as **Splunk** and **Grafana.**
* Proficiently managed **production support** incidents in real-time, ensuring minimal downtime and uninterrupted business operations.
* Known for adaptability and flexibility, excelling both independently and as a collaborative team player.
* Demonstrated ability to manage multiple tasks concurrently and consistently meet deadlines.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming Languages** | Java 8/ 9/ /10/ 11, Python, SQL |
| **Web Technologies** | HTML5, CSS3, XML, JavaScript, AJAX, jQuery, JSON |
| **Frameworks** | ReactJS, NodeJS, AngularJS, Spring, Angular 2/4/6/7/13, Hibernate, Apache Camel |
| **Cloud Computing Technologies** | Amazon Web Services - AWS, MS Azure |
| **IDE, Editors** | IntelliJ, Eclipse, Notepad++, NetBeans IDE, Microsoft Visual Studio |
| **MS Azure** | Azure SQL Database, Cosmos DB, Azure Service Bus, Azure Event Grid |
| **AWS** | EC2, S3, Simple DB, RDS, Cloud Watch, EBS, Cloud Front |
| **GCP** | Google Cloud Functions, Pub/Sub, Google Kubernetes Engine (GKE), Google Cloud Storage, |
| **Database** | Oracle 11g/12C, MS SQL Server, MySQL Server, DB2, MongoDB |
| **Debugging Tools** | Firebug, Bugzilla, Chrome Developer Tools |
| **Testing Tools** | Junit, TestNG, JMeter, Mockito, Selenium, Jasmine, Karma, Mocha |
| **Version Control/ CI/ Build** | SVN, GIT, GitHub, Jenkins, Ant, Maven |
| **Web Servers** | Apache Tomcat, Web logic, Web Sphere |
| **SDLC** | Waterfall, Agile, Scrum |
| **Project Management Tools** | JIRA, Rally, Microsoft Project |
| **Browsers** | Firefox, Chrome, IE, Opera, Safari |
| **Operating Systems** | Windows, Ubuntu, Linux, Mac OS X |

**PROFFESIONAL EXPERIENCE:**

**Zebra Technologies, Kennesaw, GA July 2023 – Till date Sr. Full Stack Java Developer Description:** Project involved modernization of a workforce management application. Worked on transitioning Monolithic application to microservices architecture. Implemented forecasting and budgeting modules, leveraging advanced algorithms to predict labour demand and optimize scheduling. Implemented Tracking for time entry and labour to control costs and maintain compliance with laws and regulations.

**Responsibilities:**

* Led the strategic planning and execution of migrating a monolithic application to **microservices** architecture, enhancing scalability and maintainability across global operations.
* Conducted a thorough analysis of existing monolithic system, identifying and prioritizing components for migration based on their scalability needs and business impact.
* Developed and maintained dynamic, user-friendly interfaces for the WFM application using **Angular 15,** ensuring a responsive and seamless user experience.
* Utilized **Angular Material** and custom components to create intuitive and visually appealing **UI** elements, adhering to **UX** design principles.
* Enhanced application performance by employing **angular** best practices, such as **lazy loading, ahead-of-time (AOT)** compilation, and **tree shaking**.
* Designed and developed **RESTful APIs** and **microservices** using **Java 17, Spring Boot** and **Docker**, ensuring seamless integration with existing systems.
* Designed and implemented **API gateway** solutions to manage seamless communication between legacy systems and new microservices, ensuring zero downtime during transition phases.
* Deployed **service discovery** mechanism using **Eureka Server** to facilitate dynamic service registration and discovery across a distributed **microservices** environment.
* Introduced reactive programming paradigms to the system using **Spring WebFlux**, improving system responsiveness and efficiency under high load conditions.
* Integrated **Spring Cloud Config Server** with **Git** repositories to manage and centralize configuration settings for all microservices, facilitating easier updates and consistent across environments.
* Deployed the WFM microservices on **GCP**, leveraging **Google Kubernetes Engine (GKE)** for scalable and reliable container orchestration.
* Implemented CI/CD pipelines using **Google Cloud Build** and **Cloud Deploy** automating build, test, and deployment processes to improve efficiency and consistency.
* Utilized **Google cloud storage** for secure and scalable storage of application data, ensuring high availability and redundancy. Integrated **Google Pub/Sub** for reliable and scalable messaging between microservices.
* Designed and executed **performance tests** using **Apache JMeter** to assess **web application** and **API** performance under various load conditions.
* Enhanced system security by implementing **OAuth2** and **JWT** for secure API access, ensuring compliance with industry standard authentication and authorization practices.
* Utilized tools like **Junit** and **Postman** for automated testing and API validation, reducing manual testing efforts and accelerating release cycles.

**Environment:** Java 17, Spring boot, Microservices, RESTful APIs, Angular 15, Angular Material, Apigee, Eureka Server, Spring WebFlux, Spring Cloud Config server, Hystrix, GCP, Openshift, Google Kubernetes Engine (GKE), Google Cloud Build, Cloud Deploy, Google Pub/Sub, JMeter, OAuth2, JWT, Junit, Postman

**Humana, Louisville, KY July 2022 – June 2023**

**Java Full Stack Developer**

**Description:** This application provides a comprehensive platform for users to browse, compare, and purchase health insurance plans. It includes features such as real-time premium calculations, policy document management, and claims submission. The application ensures secure data storage and integrates with third-party healthcare providers for seamless access to medical services and coverage information.

**Responsibilities:**

* Participating in **sprint planning, daily stand-up meetings, sprint reviews,** and **retrospectives**.
* Designed and developed responsive user interfaces using **HTML5** and **CSS3.**
* Built interactive **User Interface (UI)** using **React,** created **reusable components**, and integrated React with Java backend systems to deliver seamless, full-stack application.
* Utilized **React Router** to handle client-side routing, Implemented **dynamic route handling**, **nested routes,** and **route guards** and developed SEO-friendly and user-friendly URLs for improved search engine optimization.
* Utilized **React Virtual DOM** to optimize rendering performance in web application.
* Integrated and managed **state** using **Redux libraries** such as **Redux Toolkit** and **Redux Saga**.
* Worked with **React Hooks**, including **useState, useEffect, useContext**, and Leveraged **custom hooks** to **share logic** and **stateful behavior** across multiple components, promoting code reusability.
* Developed **Microservices** and **standalone applications** using the **Spring Boot framework**.
* Configured and managed **MS Azure** resources, including **Virtual Machines**, **Databases**, and **Storage.**
* Proficiently supported and enhanced **Confluent Kafka** clusters on **Kubernetes.**
* Deployed and managed **Java applications** on **Microsoft Azure's** robust cloud infrastructure.
* Configured and optimized various **Azure** resources, including **virtual machines, databases, and messaging systems (Azure Service Bus and Azure Event Hubs).**
* Led data integration initiatives using **Azure Data Factory, T-SQL, Spark SQL, and U-SQL.**
* Set up and managed **CI/CD pipelines** using **Azure DevOps** to automate the build, test, and deployment processes for **Java** application, enhancing release efficiency and consistency.
* Integrated **Python** with container orchestration tool **Kubernetes** to manage application deployment and scaling.
* Utilized **Python** for real-time **data streaming** and processing using **Apache Kafka** framework.
* Strengthened Security through **OpenShift’s role-based access control** and **security policies,** ensuring secure and compliant application environments.
* Developed **Spark** applications using **Spark-SQL** in **Databricks** for **data extraction** and **transformation**.
* Estimated cluster sizes, monitored **Spark Databricks** clusters, and troubleshooted issues.
* Conducted comprehensive **performance analysis** using **Apache JMeter** to assess application behavior under various load conditions.
* Interpreted **JMeter** test results to identify **performance bottlenecks**, such as slow response times and resource contention, and provided actionable insights for optimization.
* Consistently met or exceeded **Service Level Agreements (SLAs)** for **production support** incident response and resolution.
* Designed and implemented automation solutions for common **production support** service requests, bolstering efficiency and reducing manual workload.

**Environment:** Agile/ Scrum, Java 11, Python, J2EE, MS Azure, Azure Resource Manager, Azure Events Hub, Azure DevOps, Spring Boot, HTML5, CSS3, React, Redux, Flux, Ajax, Restful, SQL, Openshift, Jenkins, Git, Maven, Jest, Apache Kafka,Apache JMeter, Docker, Jira, TestNG.

**Lexis Nexis Inc., Raleigh, NC Sep 2021 – June 2022**

**Sr. Full Stack Java Developer**

The project involved direct interaction with the client and support for their infrastructure across all technical domains including Java, cloud technologies, network and security and the application domain. I served as single point of contact for technical support. My role involved the development and modification of moderately complex information systems, encompassing most of the phases of system analysis and programming.

**Responsibilities:**

* Worked in complete **SDLC** management - Requirements gathering, design, analysis, development, and testing.
* Analysed business requirements, understood business goals, defined project roadmaps, and defined use-cases to deliver technical solutions.
* Worked on **J2EE design patterns** like DAO, Front Controller, Session Facade, Factory Pattern, and Singleton. Implemented **Core Java concepts** like Multithreading, Concurrency, Exception Handling, and Collections where necessary in the application.
* Worked on design and development of multi-tier application using technologies such as **Java, Servlets, REST, SOAP, JNDI, JDBC, spring and Spring Boot Framework**.
* Utilized **Angular 13's data binding** capabilities to create dynamic and interactive **user interface**. Implemented routing strategies and managed navigation flows within **Angular 13** application.
* Leveraged **Angular 13's** form validation techniques to ensure data integrity and user experience.
* Utilized **Angular 13's** modules and **NgModules** to organize and structure code effectively and **lifecycle hooks** to manage **component initialization, updates, and destruction**.
* Utilized **Angular 13's** **Ahead-of-Time (AOT)** compilation for enhanced performance and security and **dependency injection (DI)** system for effective code organization and modularity.
* Implemented Integration Frameworks on **AWS**, facilitating seamless communication and data exchange between disparate systems and applications.
* Used **Terraform** to automate the provisioning and management of cloud resources.
* Developed and maintained **Terraform scripts** to deploy scalable and reliable infrastructure on **AWS**.
* Created **data pipelines** and **ETL** processes with **Python** for data extraction, transformation, and loading.
* Utilized **Python** for **real-time data streaming** and processing using **Apache Kafka** framework.
* Created custom build and deployment scripts in **AWS Code Build** to meet specific project requirements.
* Implemented **Spring Boot Microservices** to process the messages into the **Kafka cluster setup**.
* Worked with **OAuth2.0** to provide authentication and authorization to Rest services by exchanging Access tokens.
* Worked with **CI/CD pipelines** to integrate the Java code to align with DevOps practices using **Docker**.
* Created and optimized **Spark SQL** queries to extract insights from structured data.
* Implemented **Spark RDD (Resilient Distributed Dataset)** lineage for fault tolerance.
* Designed data models in **Cassandra** to handle large volumes of data efficiently, using partition keys and clustering columns to optimize query performance.
* Proficient in persistence framework like **Hibernate** and **JPA**.
* Worked with **Oracle,** **MongoDB,** and performing various operations with both.
* Used version control repository **Git** and **JIRA** for issue tracking.
* Wrote **TestNG** Test cases for Spring Controllers and Web Service Clients in Service Layer using **Mockito**.
* Implemented solutions to prevent the recurrence of **production support** issues, encompassing code modifications, configuration enhancements, and architectural improvements.
* Initiated and led **production support** problem management initiatives, enhancing system stability and reducing incident recurrence.

**Environment:** Java/J2EE, GCP, Spring Boot, Python, HTML5, CSS3, Angular 13, AWS, Ajax, Restful, SQL, jQuery, JavaScript, MySQL,Cassandra, Terraform, Openshift, Jenkins, Grafana, Git, Maven, Apache Kafka, Spark, Docker, JSON, Oauth2.0, TestNG.

**Client: Cigna, Bloomfield, CT June 2020 – July 2021**

**Role: Java Full Stack Developer**

I was part of the project and implemented the technologies like Java 11, J2EE, Spring - Spring Boot, Spring Cloud, Spring Security, AWS, Angular 8, and Jira. The Aim of the Project is recording patient visit details like patient complaints, physician findings, medical prescriptions, diagnostic tests, follow-up information, etc. and to make it easy access to patient basic health records, viewing of patient medication history laboratory test results, appointment for tests, recording sample collection details, authorization of laboratory test results.

**Responsibilities:**

* Developed Web Application with Full Software Development Cycle **(SDLC) – Agile/ Scrum** from Design to Deployment.
* Developed the user interface using **JavaScript, HTML5, CSS3, jQuery, Bootstrap** and **Angular 8** for creating responsive **GUI** Interface of the web page.
* Performed form validations using reactive forms from the **Angular 8** framework.
* Implemented a **'server less'** architecture using **API Gateway, Lambda**, and **DynamoDB** and deployed **AWS Lambda** code from **Amazon S3 buckets**.
* Integrated **Spark** with popular **data lakes** and warehouses, such as **Amazon S3, HDFS, and Redshift**.
* Used **JPA** and **Hibernate** with entity beans for interacting persistence layer for **CRUD** operations.
* Designing and developing the Spring Boot **REST** services to push data to **PostgreSQL**, save logs to **AWS S3**, validated, and authorized other **REST** services.
* Used Amazon Cloud Watch to monitor AWS services and **Amazon Cloud** Watch logs to monitor application.
* Led the setup and optimization of a **Rule Engine** architecture on **AWS**, utilizing services like **AWS Lambda**, **DynamoDB**, and **AWS Step Functions** to execute business rules efficiently.
* Integrated **AWS Glue** with various **AWS services, such as S3, RDS, Redshift, and DynamoDB.**
* Integrated **AWS CodeCommit** with popular version control system - **Git**, facilitating collaborative development and version control.
* Implemented **Terraform** modules to promote reusability and standardization of infrastructure components across multiple environments.
* Written different Routings (SPA), modules and reusable components using **Angular 8**.
* Used **Spring Security** for Authentication and Authorization of the application.
* Created Angular Http Client interceptors to add necessary **JWT** tokens for the outgoing requests from **UI**.
* Involved in building the application and deploying the application using **Apache Tomcat Server**.
* Involved in writing **SQL Queries**, **Functions**, **Triggers**, and stored procedures for **PL/ SQL** and **HQL (Hibernate Query Language).**
* Used **Git** as an interface to check-in code changes into the **GitHub** Repository by following the branching strategy.
* Created dynamic schema design through **NoSQL Mongo DB** by writing rich queries.
* Worked **POSTMAN** and **SoapUI** to test **RESTfu**l services and perform operations.
* Reviewing functional verification test cases using **TestNG** Framework.
* Used **JIRA** for project management, bug tracking and issue tracking.
* Managed escalated incidents from **L1** and **L2** support, addressing the most challenging technical problems.
* Tracked, reported, and documented the status and completion of service requests to ensure compliance with **SLA**s.

**Environment:** SDLC, Agile, JavaScript, HTML5, CSS3, jQuery, Bootstrap, Angular 8, AWS, API Gateway, Lambda, DynamoDB, Code Commit, Glue, S3, EC2, Spark, VPC, Cloud Watch, Spring Boot, Spring Security, Jenkins, Maven, Postman, Git, TestNG, Jira.

**M&T Bank, New York, NY Jan 2019-May 2020**

**Java Full stack Developer:**

The project is to design, develop and maintain massive scaling technology solutions that are brought to life with innovative architectures, data analytics and digital solutions. The project involved in building data caches and real time messaging applications with a focus on delivering cloud-based solutions, used by operational and commercial systems across the company.

**Responsibilities:**

* Involved in full cycle of **software development** from analysis through design, development, integration, and testing phases.
* Developed project specific **Java APIs** for the new requirements with the effective usage of **Data Structures, Algorithms,** and **Core Java, OOPS concepts**.
* Designed and implemented application using **JSP, JSTL Spring MVC, Backbone, JNDI, Spring IOC, Spring annotations, Spring AOP, Spring Transactions, Hibernate, JDBC, SQL, Maven, JMS, Oracle,** and **JBoss**.
* Worked with **HTML5, CSS3, JSON, JavaScript, Angular 7, Bootstrap, Ajax, and ES6**for developing the user interface.
* Implemented front-end using **Backbone, Underscore, and jQuery, HTML, CSS and JavaScript**.
* Used **Less** and **Sass** to create responsive web designs by writing media queries that adapt to different screen sizes.
* Worked on **jQuery Ajax** to perform backend calls for data retrievals to populate model objects in collections.
* Implemented different types of **Spring Controllers** as per application requirements, Spring Validators, persistence layer, DAO, and service layer components using spring/ Hibernate API.
* Extensively used **Spring IOC**, configured Application Context files, and performed database object mapping using Hibernate annotations.
* Developed various batch jobs using **spring** deployed them on WebSphere Application Server.
* Migrated existing business applications **to Amazon Cloud Services (AWS)** based environment.
* Worked on **AWS EC2, S3, Route 53, Elastic Beanstalk, Elastic search, AWS Mobile Hub, Amazon messaging services (SQS and SNS), Lambda,** and **Amazon Kinesis Services**.
* Implemented modular and reusable **Terraform** modules to simplify infrastructure provisioning and maintenance.
* Developed **Spark** applications that handle multi-language data processing tasks.
* Conducted performance profiling and memory optimization for **Spark** jobs to achieve optimal resource utilization.
* Used **AWS CloudWatch** in maintaining and monitoring production and corporate storage.
* Developed Web services to allow communication between applications through **RESTful** over **HTTP** using **ApacheAxis2.**
* Consumed **JMS** messages using message listener container in spring from **WebSphere MQ broker**.
* Supported, enhanced existing applications developed using **JSF with Prime faces**.
* Automated build process by using **Maven** and used **Git** version control tool.
* Provided production support by **debugging and fixing** critical issues using **Jira** related to the application and database.

**Environment:** Java, J2EE, HTML, CSS, Less, Sass, JavaScript, Angular 7, WebSphere, Servlet, Spring MVC, AWS, Spring Boot, Spring IOC, Hibernate, JDBC, RESTful, Axis2, WebSphere, Maven, Oracle, Git JSON, Log4j.

**Cozy Design, Inc., San Diego, CA June 2018-Dec 2018**

**Java Developer**

The application provides report view rendering information about advertising activity to Advertisers, Website companies, Search Engines, etc. Ad Relevance also reports the Ad Impressions and Ad spends for each company, division, sector, product, etc. The enhancement includes changing the existing reporting architecture and rewriting the entire application implementing a middleware between UI and Backend.

**Responsibilities:**

* Involved in analysis, specification, design, and implementation and testing phases of **Software Development Life Cycle (SDLC)** and used **agile methodology (SCRUM)** for developing application.
* Developed dynamic and browser compatible pages using **HTML, CSS, jQuery, ReactJS and JavaScript**.
* Used **BackboneJS** to utilize its rendering functions and create controllers to handle events triggered by clients and send request to server.
* Developed application on **spring framework** by utilizing its features like Spring Beans, Spring Boot, Spring Security, using MVC.
* Established user activity tracking, declarative transactions, and exception handling with **Spring AOP**.
* Used **ReactJS** for templating for faster compilation and developing reusable components.
* Used **Hibernate ORM** framework to interact with database through Hibernate query language (HQL).
* Used **ReactJS** to turn the application into Single Page Application and implemented the Drag and Drop functionality using **React-Draggable**.
* Provided daily support for production, stage and testing environments for **WebSphere MQ** operations and problem determination.
* Created the persistence layer using Hibernate ORM framework. This involves developing mapping files and Hibernate **(POJOs/ DAOs)**.
* Used **Rest API** with **JAX-RS** for consuming Restful web services.
* Worked on development of SOAP Web Services using **Apache Axis** to extract client related data from databases.
* Implemented **Singleton pattern** for property loading, loading XMLs and static data from DB.
* Used **Jira** to track and manage software issues, including bugs, feature requests, and tasks.

**Environment:** HTML5, CSS3, JavaScript, AJAX, JAVA/J2EE, ReactJS, React-Draggable, SQL, PL/SQL, XML, Spring MVC, Spring Security, JSP, Spring Boot, Spring Batch, JQuery, Core Java, Hibernate, SOAP, Ant, JUnit

**Cyient, Hyderabad, India May 2015 - Nov 2016**

**Java/J2EE Developer**

Worked on an Account Portal, which is used to calculate the revenue and margin details for a given account within organization bases on the employee submitted time information along with billing info.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** such as requirements gathering, modelling, analysis, design, development, and testing.
* Developed in client and server scripting languages like **HTML5, CSS3, JavaScript, Bootstrap, jQuery, Angular 2 and Node JS.**
* Developed various helper classes needed following **Core Java** multi-threaded programming and Collection classes.
* Developed server side **J2EE application components** using Spring, Spring MVC, Annotations, JSP, Servlets, JDBC, EJB, JMS, J2EE Design Patterns Struts Hibernate framework using Eclipse.
* Used **Angular2** for templating for faster compilation and developing reusable components.
* Developed the application using **J2EE architecture** specification and **Design Patterns.**
* Implemented **Model View Controller (MVC)** architecture and developed Form classes, Action Classes for the entire application using **Spring Framework**.
* Tested the response format of REST services in **XML and JSON.**
* Configured **Dispatcher Servlet** and View Resolver to intercept incoming requests, manage **Spring MVC** flow and invoke view components with the help of Dispatcher Servlet.
* Developed the view components using **JSP, HTML, Struts Logic tags and Struts tag libraries**.
* Implemented the application using **Java Server Faces (JSF)** which is based on Model View Controller design pattern.
* Designed and used **REST** full web services.
* Used **Hibernate Transaction Management**, Hibernate Batch Transactions, and Hibernate cache concepts.
* Created scalable and ordering message middleware using **ActiveMQ.**
* Worked on design and development of database systems using Relational Database Management Systems (RDBMS) including **Oracle, DB2, MYSQL, & NOSQL - MongoDB**.
* Used **Jira** for Bug Tracking.

**Environment:** JDK, Eclipse, Oracle11g, Spring, JUnit, Log4j, Maven, Hibernate, JSP, SOAP, Restful Web Services (REST API’S),JDBC, HTML/HTML5, CSS/CSS3, Bootstrap, JavaScript, NodeJS, AngularJS, ActiveMQ, Tomcat, Agile Methodology

**DiLytics, Hyderabad, India May 2013 - Apr 2015**

**Programmer Analyst**

The project involved in developing, testing and deploying the application and Web services using Struts Framework that leverages the classical Model-View-Controller (MVC) architecture.

**Responsibilities:**

* Gathered requirements from client, analysing and preparing the Requirement specification document.
* Involved in the requirement analysis, design, and development of the new project.
* Designed and implemented **Struts** (MVC Paradigm) components such as Action Mapping, Action class Dispatch action class, Action Form bean, and a form set for validation and used **Java Beans** to return dynamic information
* Responsible for setting up **Struts-Config.xml** file and Action classes.
* Designing and Developing web pages using **JSP's**, Struts, JavaScript, for generating **HTML** content using the information returned from the respective Beans.
* Used JSP, JavaScript, **JSTL**, Custom Tag libraries, Tiles and Validations provided by **struts framework.**
* Using **JSP, HTML** and **CSS** developed the frontend user interface.
* Developed **API**s to interact with the **Oracle** database and retrieve the results to display in the front-end.
* Developed front- end interfaces with **AJAX** support and involved in **Error Handling** using Struts Exception Handling.
* Involved in deciding the **WEB Service** architecture with XML and **SOAP** for integrating with **heterogeneous systems.**
* **Log4j** was used for logging errors in the application.
* Designed and implemented subsystem for administrative tasks (like verify data loads, consistency check and notify clients for data extract) using **SERVLETS,** session and Entry bean and java classes.
* Developed **JDBC** based **DAO** layer to persist as well as retrieve the data in Oracle database.
* Deployed the application on **JBOSS** Application server.
* Utilized **Jira** boards to manage and prioritize work.

**Environment:** Java, Struts, EJB, JDBC, JSP, Java Beans, JBOSS, JDBC, XML, HTML, CSS, JavaScript, Servlets, PL/SQL.