**SATYA PATTISAPU**

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**Overview**

* Over **8**+ years of experience as a software developer in Java application development using OOPS Concepts, Java /J2EE technologies.
* Good knowledge over **Software Development Life Cycle (SDLC) – Requirements Specification, Design documents and writing Test cases using various software engineering process ranging from Waterfall to Agile methodology.**
* Experience in developing applications using **JSP, Servlets, EJB, Spring, Web Services (SOAP & REST), JMS, JDBC, and XSLT.**
* Experience in developing **Restful Web services** involving **Elastic Search API**.
* Most familiarized with **Collections Framework** and also experienced in writing code snippets using Java.
* Familiar with writing Test cases using **JUnit,Mockito** Framework.
* Extensive experience with both core and advanced Java technologies which includes Java, XML, JavaScript, JEE, JSP, EJB 2.0/3.0, JDBC, Struts, Servlets, JMS, JSF My Faces, Rich Faces, Prime Faces and Ice Faces, JPA, JAX-WS, JAX\_RS, Spring and Hibernate.
* Experience with developing queries and procedures using **SQL and PL/SQL**.
* Hands on coding experience in developing **Android applications**.
* Good knowledge in version control system tools like **SVN, TFS,and GitHub**.
* Good Understanding on **Hadoop Architecture,setting up Hadoop FileSystem on pseudo node and multinode clusters.**
* Practical exposure and hands on practice in **importing-exporting data into HDFS format.**
* Good knowledge in Hadoop ecosystem projects such as **MapReduce using JAVA, Hive, Pig and Sqoop.**
* Developed Counters for **Map Reduce and UDFs for Hive using Java**.
* Good team player and goal oriented with strong motivation and commitment towards reaching goal with strong foundation in technical skills.
* Experience in **Hibernate** which includes integrating legacy databases, writing custom **CRUD statements, integrating stored procedures and functions and performed polymorphic associations.**
* Experience with Continuous Integration and build tools such as **Ant, Maven, Jenkins.**

**Technical Skills**

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| **Programming Languages** | Spring, JQuery.Java/J2EE-Applets, Swings, JDBC, JMS, Java Script, JSP, Servlets, EJB, Rich Faces, Prime Faces |
| **Version Control & Build tools** | SVN,GitHub , Maven, Ant |
| **Web Technologies** | HTML/HTML5, CSS,XML,VoiceXML |
| **Operating Systems** | UNIX, Linux, CentOS ,Windows |
| **Databases** | Oracle 11g/10g, DB2, MS Access, MySQL,SQL Server |
| **Application Servers** | ApacheTomcat,Voxeo Prophecy, WebSphere7, WebLogic, JBoss, Glass Fish Server. |
| **Scripting Languages** | Java Script, Shell Scripting |
| **Developer Tools** | NetBeans / Eclipse / IntelliJ /JBoss Developer Studio , Android Development Kit, TOAD, SQL Developer / DB Visualizer |
| **HadoopManagement Tools** | HDFS, MapReduce, Hive, Pig, Sqoop.Cloudera Manager-CD,Horton Works |

**Education**

**New Jersey Institute Of Technology,** New Jersey  
*Masters of Sciences, Computer Science*

**MaharshiDayanand University,** New Delhi, India  
*Bachelor of Technology, Computer Science*

**Professional experience**

**Sr. Java/Web Portal Developer**

**XEROX – Richmond, VA June 2015 - Present**

**Project:**Virginia Medicaid Management Information Systems (VAMMIS)

**Description:**Xerox State healthcare, LLC is the fiscal agent for the Virginia Medicaid Management Information

System (VAMMIS). VAMMIS is responsible for maintaining and enhancing the Virginia Medicaid System. There

are various subsystems under Virginia MMIS like Claims, Provider, Finance, Member, EDI, etc. There are eight

claim types that are processed by MMIS like Drug, Home, Health, In-patient, Dental, Medical, Outpatient,

Crossover and Nursing home. Whenever State sees any system change. It will initiate the information System

Request (ISR). XEROX will fix the ISR and implement it after state approval.

**Responsibilities:**

* Involved in gathering functional requirements that are involved in order to ful-fill VAMMIS specific requirements for the Online Claims app and developed wireframes.
* Project is implemented in SCRUM, Agile methodology.
* Used **RSA as integrated development environment**.
* Involved in configuring and deploying the application with **Web Sphere application server.**
* Used **Spring Web Flow and JSF for the presentation layer and JPA for persistence**.
* **Integrated Single Sign-On** for Online Claims application by dynamically generating payload based on the user credentials when they click on a click which directs to the Online Claims application.
* Implemented **Singleton and Factory design patterns**.
* Implemented **EJB classes for business logic.**
* Used **RabitMQ to handle web service request and response logging for debugging purpose.**
* Intensively used **JSF (Ice Faces, Rich faces, and Prime faces) for developing UI screens for the application. Dealt majorly with Prime Faces components like Data Table, Select One Radio, Wizard, Progress Bar, Panel Grid etc.**
* Saved all the documents uploaded by the user during the claim submission process in the Documentum database.
* Wrote Junit **Test Cases to test the functionality of the application before every build.**
* used **HTML and CSS to develop some functionalities** of User Interface and styling the pages as well.
* Used **JavaScript and jQuery** for the client side validations.
* Extensively worked with **Maps, Hash maps, Lists and Array Lists API of Java6.**
* Used SQL Developer tool for accessing data from Database and Structured Query Language (SQL) to communicate with the database.
* Involved in writing **SQL Queries, Packages, Stored Procedures and Functions.**
* Developed application level logging using **Log4j.**
* Used Clear Case as version control tool to merge code, check in and checkout the data.
* Involved in writing and reviewing unit cases using **JUnit.**
* Involved in documentation to provide all the technical design specifications for the application.

**Environment:**Java6, J2EE, RSA, Spring, Spring Web-Flow, EJB 3, JSF 2, Prime Faces 3, JDBC, JNDI, Log4J, Clear case, JUnit, XML, SQL Developer, HTML, CSS, JavaScript, jQuery, SSO, WebSphere Application Server.

**Sr. Java/Web Portal Developer**

**Niagara Bank Newark, New Jersey January 2014 – March 2015**

This project aims at the description of the term loan details of the customer. This project includes the minute

details of the customer from the day of presenting the application, till the day of recovery. In short, application

predicts the performance of loans. It consists of core Cash Flow engine, User Interface screens, database

persistence layer for storage and retrieval of assumptions and results.

**Responsibilities:**

* Analyzed business requirements and existing software for High Level Design.
* Used spring framework for building the application based on MVC design paradigm.
* Used Spring AOP to implement security, where cross cutting concerns were identified.
* Developed the front end using **JSF, Angular JS, HTML, JavaScript, AJAX, JSP, CSS, JQuery**.
* Used **Spring Core Annotations for Dependency Injection and used Apache Camel to integrate Spring framework**.
* Worked on form validation using the **Spring Validator framework.**
* Added security for service layer methods using **Spring Security.**
* Created **LDAP services for user authentication and authorization.**
* Created the **spring Bean Factory for initializing services.**
* Used different type of Spring controllers depending on the business requirement.
* Used **JAX-RS annotations to specify the type of data producing or consuming,** validate the user requests, map user requests and to pass input parameters.
* Involved in development of **REST Web services using Apache Axis2 to extract client related data from databases**.
* Developed **POJO's, Data Access Object (DAO) which handles all database operations using Hibernate**.
* Auto wired **POJO’s and DAO classes with Spring Controllers**.
* Implemented agent-server messaging dialog using Camel and JMS (Active MQ implementation).
* Worked on Camel-based integration middle-ware solution for Provisioning Services by design and Implementation of business logic and data processing routes using Apache Camel.
* Involved in writing **Oracle PL/SQL Stored procedures, triggers, views.**
* **Used GIT version** controls to track and maintain the different version of the project.
* Used **Log4j t**o print the logging, debugging, warning, info on the server console.

**Client: The Home Depot February 2013 – Jan 2014**

**Atlanta, Georgia**

**Role: Java Developer**

Global Sourcing & Procurement team of Home Depotbuild next generation of inventory planning platforms. We build scalable automated platforms that determine the economically optimal sourcing plan for millions of unique items sold on Home Depot worldwide. This puts us at the nexus of business, suppliers and capacity planning. Our software is used across the country, and is a critical link to ensuring the products our customers want are available when they need them.

**Responsibilities**

* Involved in requirement gathering and Technical Design Documents creation.
* Developed a data ingestion service. Implemented agents that collect data and store them **to S3.**
* Implemented data ingestion using **server-less architecture using AWS lambda.**
* Implemented queries on data stored in **S3 using AWS Elastic Map Reduce.**
* Back-end Java developer building **RESTful APIs** in front of different types of **NoSQL storage engines** allowing other groups to quickly meet their Big Data needs and remain insulated from rapid technology changes in the **NoSQL field.**
* Integrated process into build system that auto-generates **REST API documentation from source code**. This improved API documentation quality and availability while reducing maintenance costs.
* Used **Apache Spark to run queries and reporting the trends in data on created dedicated AWS EMR cluster.**
* Responsible for creating complex queries using **splunk for data processing**.
* Work closely with architect and clients to define and prioritize their use cases and **iteratively develop APIs and architecture.**
* Maintain high-quality of **RESTful services** guided by best practices found in the Richardson Maturity Model.
* Contribute multiple new features into the product and into customer environments
* Design and implement new features from requirements to final test and deployment.
* Work in an agile development environment, that contains sprints and a feature is developed per sprint.
* Learn a tremendous amount about modern big-data technologies.
* Have fun in a challenging but rewarding environment.
* Used **JIRA as a project tracking tool** where we will update our day to day activities.
* Used **Git** as the **version control system**
* Used **Intellij IDEA IDE** for the Java development
* Used **AWS deployment systems for application deployment.**

**Client: Elemental Technologies January 2012 –February2013**

**Portland, Oregon**

**Role: Java Developer**

Elemental Server is a file-based video transcoding platform designed to generate multiscreen video used by customers worldwide to power their video on demand (VOD) systems. developed the interfaces that customers use to configure, interact with, and monitor their Server deployments. designed intuitive and performant graphical user interfaces as well as flexible and extensible REST APIs for procedural interactions, also used Ruby on Rails webserver layer to both populate and extract necessary data from our databases and trigger execution of our backend systems. used technologies like virtualized and containerized media engines, cloud transcoding and storage, and high performance networking.

**Responsibilities**

* Involved in requirement gathering and Technical Design Documents creation.
* Worked on **Amazon Cloud, Delta, conductor, server and live products.**Involved in interacting with
* Application Development Manager in the analysis and estimation of future work and interacting with Architects on the design and architecture for our team's deliverables.
* Used **Bootstrap and Media Queries to create Responsive Web Design (RWD) and worked with CSS3 pre-processors such as less.**
* Mock testing using **the Rhino Mock framework, Jasmine**.
* Coded extensively using **JavaScript MVC Framework AngularJS** to make rich internet web application for a Single page app.
* Used **D3.js** for interactive data visualization.
* Experience in developing and implementing Data Driven and Keyword Driven automation testing framework with **Selenium WebDriver**.
* **Developed and tested website using the MEAN (Mongo DB, Express, AngularJS, Node.js) stack**.
* Used High charts and d3js for creating Graphs and charts for payments section and also implemented the filtering functionality for the graphs.
* Experience in implementing Page Object model using Selenium WebDriver.
* Create the system to extract, transform and load market data, check correctness of data loading, use **UNIX bash shell and Oracle stored procedures.**
* Developed test scripts for Functional Testing and Regression testing in Selenium WebDriver on Eclipse with Java as scripting language and **TestNG framework.**
* Implemented entire backend of the application in Java, using various object oriented features like classes, interfaces, inheritance, polymorphism and Multi-threading.
* Wrote unit testing using karma and jasmine to achieve 100% code coverage.
* Designed a login mockup with token based authentication for user using the MEAN stack.
* Utilized **MEAN stack, REST design pattern, MVC framework and SPA (Single Page Application) framework based on Angular JS.**
* MongoDB was used to store user data information.
* Used JavaScript framework like Jasmine for behavioral testing which is independent.
* Manipulated data using **CRUD (create, read, update and delete) operations of MongoDB** database management system and handled database access and data transmission based on RESTful web service.
* Developed the user interfaces of the application using JSP and HTML Controls.
* Utilized JSP extensively for data retrieving, querying, storage and manipulation. Working on sites built with Express JS and Node.js.
* Used Node.js to develop faster and scalable application.
* Developing Web API using Node.js and hosted on multiple load balanced API instances.
* Used various features in AngularJS like data binding, routing, custom filters, custom directives to meet various customized requirements.
* Provided client side validations using AngularJS framework.
* Worked with AngularJS for creating own HTML elements for building a companied Web site which is an open Source Project.

**Environment**: MEAN (Mongo dB, Express, AngularJS, Node JS), D3Js, Java 6, JavaScript, HTML5, CSS3, JQuery, Node JS, JSON, Bootstrap, AngularJS, AJAX, Jasmine, MVS, WebDriver, Sublime, GIT, Agile development

**Organization: Mitchell International June 2011 – December 2011**

**Role: Software Development Engineer 1**

Mitchell International, Inc. is a leading provider of information and workflow solutions to the Property & Casualty Claims and Automotive Collision Repair industries. Founded in 1946, Mitchell has delivered advanced information and technology solutions to over 100,000 customers throughout North America, helping them to improve their business process performance. The company's comprehensive solution portfolio streamlines the entire auto physical damage, bodily injury and workers' compensation claims processes.

**Division: Auto Physical Damage**

**Product: Mitchell WorkCenter**

**Key Responsibilities:**

* Support Workflows of Automobile Claims and its Assignment Services involving multiple customers.
* Part of centralized team responsible for handling & maintaining frameworks which are base for applications used across the products.
* Worked on translating Customer functional specifications as well as general market solutions to working software.
* Took part in design phase during a major requirement of rental integration workflows with claim services.
* Collaborated with cross platforms including offshore teams in an initiative to bring elastic to the work center, to enhance user search ability.
* Took initiative in enhancing code quality and developed unit tests and integration test coverage.
* Identified and developed RESTful web services to support front end migration from legacy UI.
* Active participant of Mitchell coding standards panel and improved coding rules for sonar code coverage.
* Write technical specifications and test plans as necessary; conduct and assist in regression testing.
* Worked as part of a Scrum team to deliver technology solutions in an Agile fashion including but not limited to sprint planning, standup calls, and sprint retrospectives.
* Supported deployments for all environments.
* Involved in Alpha testing for an initiative of local environment setup to setback the delays and move away from Dev environment instability.
* **Awarded Mitchell Bronze PSI AWARD for being ‘Collaborative Team Member’.**

**Environment:** JBoss Developer Studio 5.0, Visual Studio 2012, Team Foundation Server, Oracle SQL Developer, Maven,

Elastic Search,SOAP, Rest EasyJax-rs, EJB 3.0

**Organization: DFuse Technologies**

**Client: Deloitte, Orlando, FL Jan 2010 –Feb 2011**

**State Of Connecticut -Integrated Eligibility (ImpaCT)**

**Role: Java Developer**

Integrated Eligibility (IE) is part of Deloitte’s Health and Human Services (HHS) Market Offering. IE systems help agencies improve how they determine eligibility manage cases and deliver health and human services programs to customers in need. The State’s IE solution will provide a simpler, more accessible eligibility determination process and an integrated platform for the citizens of Connecticut and workers. This project Replaces legacy systems with new technology and Offers enhanced integration with ConneCT online services. ImpaCT establishes a single point for eligibility determination and case management and provides a single system to organize and facilitate work across channels. In an Integrated Eligibility system each case follows Registration, Intake, Eligibility Determination, Authorization and Benefit Issuance.IE system includes Medicaid, Food Stamps (SNAP), CASH(TANF), Child care(CHIP) and many more.

**Responsibilities**

* Involved in requirement gathering and Technical Design Documents creation.
* Developed screens using JSP for Eligibility module. Implemented client side validations using Java Script.
* Responsible for creating complex database queries for DB2 database.
* Used JIRA as a project tracking tool where we will update our day to day activities.
* Used SVN as the version control system
* Went through Corticon training and worked on Corticon Technologies as a Business Rule Management System.
* Implemented business rule sheets using Progress Corticon Studio.
* Used the IBM Rational Application Development (RAD) IDE for the development
* Used Web sphere application servers for application deployment.

**Environment:** RAD 8.0.4, WebSphere 7.0, JSP, Java Script, Corticon Studio 5.4, JIRA, Rest Web Services and Oracle SQL Developer.

**Software Developer Intern June 2008 – October 2009**

**Jacobs –India**

**Responsibilities:**

* Used Eclipse as the IDE for the project.
* Worked on Hibernate and replaced traditional JDBC code.
* Underlying implementation was done using Spring-MVC framework.
* Used Junit for unit testing.
* Involved in documentation of application.
* Created several Exception classes to catch the errors.
* Used a combination of JSPs, HTML and JavaScript for the front end.

**Environment:** Java, J2EE, Oracle, Eclipse, Hibernate, JUNIT, Spring, HTML5, Maven, JSP, HTML.