**POORNIMA K**

**Full Stack Java Developer**

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**SUMMARY:**

* **Java/J2EE Full Stack Developer** with **8+ Years** of experience on Enterprise applications, Distributed Application Development, Client/Server Applications, Servlets communication, Internet/Intranet based database applications and developing, testing and implementing application environment.
* Strong in the complete **Software Development Life Cycle (SDLC)** including requirements definition, design, programming / testing and implementation of major systems.
* Experience in **J2EE Technologies** **(Servlets, JSP, JDBC, EJB, JNDI, and JMS)** and participated in the designing and developing of Software using **Agile** and **Waterfall** methodologies.
* Experience in **User Experience** **(UX)** design and development, **User Interactive (UI) Web Pages** and visually appealing User Interfaces using **HTML 5, CSS3, Bootstrap, SASS, JavaScript, JQuery, Angular-JS and React-JS.**
* Experienced in developing and implementing web applications using **Java, J2EE, JSP, Servlets, JSF, HTML5, JavaScript, Angular.JS, NodeJS, React.JS, AJAX, JSON, JQuery, CSS3, XML, JDBC and JNDI.**
* Experience in developing **HTML** and **JavaScript** for client side presentation and, data validation within the forms.
* Experience working with **Responsive web design (RWD)** using **bootstrap**.
* Experience working with distributed **n-tier applications** using **Java and J2EE technologies** in areas such as Insurance, Financial Services and HealthCare.
* Hands-on experience in Consuming **RESTfulWeb services** using **AJAX(Angular $http, $resource and jQuery)** to exchange (request / responses) information with databases such as **MySQL** and **Oracle**.
* Experience in working with React and Redux and created interactive and reusable UI Components.
* Experience in building modern web application in React.js and React ecosystem libraries.
* Expertise in development and deployment of multi-tiered web based enterprise applications using **J2EE** technologies like **Servlets 3.0/2.5, JSP 1.1/2.0, Struts 2.0, JMS, Hibernate 3.0/4.0, Spring 3.0/4.0, JDBC, JNDI, JSF, angular JS, Java Beans, API’s, and Web services (SOAP, REST API).**
* Knowledge of **J2EE design patterns** like **MVC, Front Controller, Factory, Abstract Factory, Command Pattern, Singleton, Session Facade, Transfer Object, Business Delegate and Data Access Object etc.**
* Expertise in **MVC architecture** **Web Framework Struts 2.0, Spring 4.0**
* Extensive experience in working **IDE tools** like **Eclipse, Net Beans, RAD, WID (Web Sphere Integration Designer).**
* Experienced in **Paymentech SDK, Groovy and Grails, Apache SOLR, Lucene, SOA and ADF 11g.**
* RDBMS experience includes **Oracle, SQL Server; database programming and connectivity using JDBC, ODBC, SQL, PL/SQL, Stored Procedures, triggers, Queries etc.**
* Design and implement **micro-services API** for mobile/web front end and back end edge points. Good Knowledge on **Microsoft Azure Cloud**.
* Having good **RDBMS** concepts knowledge and worked with **MySQL 5.0, Oracle 9i/10g, SQL Server.**
* Experience in making the **Devops** pipelines using **Openshift** and **Kubernetes** for the **Microservices Architecture**.
* Good knowledge on **Amazon Web Services (AWS)**, Amazon Cloud Services like EC2, Amazon Simple DB, **Amazon Cloud Watch** and experienced in building highly scalable java applications using various architectures.
* Experience in open source **continuous integration** tools - **Hudson, Ivy** and **Artifactory**.
* Experience working with **MAVEN&GRADLE**.
* Extensive experience working with Continuous Integrations tools **Jenkins**, **Bug tracking** and **Issue Tracking** using **JIRA**.
* Strong Knowledge working with Non-Relational Databases like **MongoDB (Nosql).**
* Experienced in generating logging by Log**4j** to identify the errors in production test environment and experienced in **Ant, Maven** and **Gradle** tools.
* Strong experience in **UNIX** and **Shell scripting**.
* Hands on experience with various Application Servers and Web Servers including **IBM Web Sphere, BEA Web logic, JBoss, Tomcat server** with wide variety of development tools like **IBM WSAD/ RAD / RSA, My Eclipse** and **NetBeans**.
* Worked with various Application servers like **JBOSS7, Webshpere, GlassFish 3** and **Tomcat7 webserver**.
* Experience in **SVN** and Perforce for version control and used **maven** for building
* Experienced in JMS over messaging to exchange the information in more reliable and asynchronous way in enterprise Applications. Used **Apache ActiveMQ,RabbitMQ,AMQPas JMS provider**.
* Ability to manage multiple project tasks and deadlines along with troubleshooting skills to facilitate effective and efficient resolution of problems.

**EDUCATION:**

* Bachelors in Computer Science from Kakatiya University in 2008
* Masters in Business Administration from JNTU in 2011

**TECHNICAL SKILLS:**

**Languages:** JAVA 8.0/7.0/6.0/5.0/1.4/1.2 , SQL, Python, PL/SQL, UML, C, C++

**Web Technologies:** JSP, Servlets, JNDI, JDBC, JMS, JPA, EJB(3.0), Web Services, SOAP, WSDL, JSF(2.0), AX-RS, JSX-WS, HTML5, DHTML, Java Beans, JavaScript, Angular JS, React. JS, Redux.JS, NODE JS, AJAX, CSS3.

**XML Technologies:** XML, XSL, XSLT, SAX, DOM, AXIS, Castor, XML Beans and JAXB

**Web/App. Servers:** Apache Tomcat 4.0/5.0/6.0, Web Logic 8.1/9.1, Web sphere, JBoss. IIS

**IDEs:** Eclipse, Net Beans, Red Hat Developer Studio, WSAD.

**Tools:** TOAD, XmlSpy, Ant, MAVEN, PL/SQL Developer, JUnit, I Report, JIRA

**Operating systems:** Windows, UNIX, Linux, Sun Solaris.

**Databases:** Oracle 8 / 9i / 10g, HSQL, My Sql, PostgreSQL, MS SQL Server 7.0, Sybase, MongoDB

**Frameworks:** Struts, Spring (Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, DWR, Log4j, JSF, JPA.

**Version Control:** CM Synergy, Rational Clear Case, CVS, VSS, SVN, Git.

**Algorithms/ Data Structures:** Big O, Sorted, Tree, Stack, Queue, Linked List, Heap, Graph

**Development Methodologies:** Waterfall, Agile and Scrum

**Services:** SOA architecture, RESTFUL/SOAP, Microservices, Axis 2, Apache CXF

**Servers:** JBOSS, Weblogic 10g, 11g, 12g, IBM Websphere, Apache Tomcat

**Integration tools:** Hudson, Ivy

**WORK EXPERIENCE:**

**Client: CA State Workers Compensation Insurace Fund(SCIF),Pleasanton, CA Duration: Sep’2019 –Till Date**

**Role: Sr. Full Stack Java Developer**

**Responsiblities:**

* Followed **Agile methodology** and involved in daily **SCRUM** meetings, sprint planning, showcases and retrospective and used **JIRA** as a tracking tool for the sprints.
* Designed the **front-end** screens using **AngularJS, HTML5, CSS3, JavaScript, JQuery, Bootstrap and Spring Boot**.
* Developed **Angular** controllers, services, filters and developed **HTML** templates with various Angular directives such as **ng-app, ng-controller, ng-repeat, ng-if,ng-show, ng-hide,ng-change, ng-blur** etc..
* Developed Grid’s used in the system using Slickgrid and created custom grid directive to make the component reusable.
* Developed **MVC** design pattern based User Interface using **JSP, XML, HTML, CSS and Struts**.
* Used various **Angular UI Bootstrap** components such as calendars, masks, uploaders, sliders, alerts, modal dialogs etc., for developing the UI.
* Took part in setting up the routing configuration using Angular UI router for various views and sub views.
* Configured Gulp to perform various UI build and test related tasks and used **NodeJS NPM** and Bower to manage the dependencies.
* Developed **Angular services** making use of resource service to perform **REST API calls** to the backend.
* Developed unit test cases using **Jasmine** and **Karma** and performed end to end testing using **Protractor** and **Selenium**
* Involved in designing overall **Microservices architecture** including Gateway, API Service, Core Service, Discovery Server and Monitor Server using Spring Cloud Netflix.
* Used **Struts** validator framework to validate user input.
* Working on **DevOps** tools like **Jira/ Selenium/ Ansible/ Jenkins/ Reporting Automation**.
* Developed **CI/CD** system with **Jenkins** on **Kubernetes** environment, utilized **Kubernetes** and **Docker** for the runtime environment for the **CI/CD system** to **build, Test** and **Deploy.**
* Hands on experience on **Azure VPN-Point to Site, Virtual networks, Azure Custom security, end point security** and firewall.
* Involved in requirements gathering and Capacity planning for Multi-Datacenter (four) and **Cassandra** Cluster Used **Oracle DB** and **MongoDB** for Database related activities.
* Asynchronous messaging is executed by utilizing **JMS** API for point-to-point messaging.
* Worked on **REST API** Services to retrieve the logs from LRA application and store it into **AWS S3.**
* Deployed **Docker**contained **Spring Boot Micro services**in to **AWS EC2**container service using **AWS** admin console and used **lambda** to run applications in **AWS** console.
* Designed and Developed web services using **JAX-WS, SOAP, JAXB, Apache CXF**. Exposing and consuming the web services to the downstream applications using **Apache CXF** and **Apache camel**.
* Developed **REST** controllers using **Spring Data REST** to serve the **UI** with required **JSON** data.
* Supporting the application with all the post production issues, performed root cause analysis, worked on customer support tickets, tracked tickets using **JIRA** bug tracking system, **Confluence** for documentation, Perforce, **Git**, SourceTree for version control, **Bitbucket** for PRs.
* Developed **REST** exception handling controller advices to respond to bad requests and server side exceptions.
* Used complete annotation driven approach to develop the application using **Spring Boot** and was also involved in setting up the **Spring** bean profiling.
* Consumed **SOAP/ JAX-WS** based web services using Spring framework and used **SOAP UI** for testing these services.
* Used **REST** Client and **POSTMAN** to test the rest based services and used **Junit** and **Mockito** to test the **middleware** services.

***Environment: Java, J2EE, Spring v3.x, Spring MVC, Hibernate v3.0, Oracle DB, MongoDB, Angular-JS, React.JS, Redux.JS, Node JS, Bootstrap, CSS, HTML5, Javascript, jQuery, Struts, AJAX, GIT, Confluence, IntelliJ, AWS SNS/SQS, PostgreSQL, DbVisualizer, Tomcat, JBoss, SVN, Maven, JIRA, SOAP/Restful Web Services, Redhat Linux, Jenkins, WSDL, Spring Based MicroServices, Agile, cucumber, Kubernetes, Docker.***

**Client: The University of Southern Mississippi, Hattiesburg, MS Duration: Dec’2017-Aug’2019**

**Role: Full Stack Java Developer**

**Responsiblities:**

* The project was implemented using the **Agile Scrum** Methodology.
* Implemented **User Interface** in **Model-View-Controller Architecture**, which accomplishes a tight and neat co-ordination of **JSP**, **Servlets** and Custom Taglibs.
* Implemented Swagger UI to visualize and interact with the **API’s** resources and documentation.
* Developed User Interface **POC** based on **MVC frameworks** like **JSF, Spring MVC**.
* Designed and developed Application based **Spring Framework, Spring MVC, Spring Templates** and **Hibernate**.
* Used **Angular 5/ 6 HTTP** to retrieve data through **Web API** from **Entity Framework**
* Used **SOAP UI, Postman, Newman, Rest Client, Spring Mock MVC, Spring 4Junit** for testing the web services.
* Worked on Swagger UI to interact with the **API’S**. Designed and documented **APIs** using **Swagger**.
* Deployed **Micro-services** as **Restful Java Web Services** on **Amazon Elastic Beanstalk**.
* Upgraded **Spring Rest Controllers** and **Services classes** to support migration to **Spring framework**
* Upgraded to **Angular 6** and **Typescript 2.1** and used browser animations, Render 2, email attribute in form validation.
* Unique experience with **Pivotal Cloud Foundry** and **Open Shift/Kubernetes** architecture and design, troubleshooting issues with **platform components** (PCF), and developing global/multi-regional deployment models and patterns for large scale developments/deployments on **Cloud Foundry** and **OpenShift/Kubernetes**
* **Jenkins** and octopus **CI/CD** Pipelines for deployment in scheduled intervals.
* **Spring Boot microservices** were developed using **microservice architecture** with **RESTFUL** and **Apache Kafka**.
* Web application development for backend system using **AngularJS** and **Node.js** with cutting edge.
* System built using **Spring Model-View-Controller (MVC) architecture**. Implemented the application using the concrete principles laid down by several design patterns such as DTO, Intercepting Filters, Singleton and Data Access Object (DAO).
* Created the web **UI** using **Struts, JSP, Servlets and Custom tags**.
* Deployment of Application in the **JBoss** Server environment using **ANT** tool using **Struts architecture** with the **JSP Client**.
* Using **GIT** for version control, Source Tree for check-in and Atlassian **bitbucket** to merge to master.
* Implemented request and response objects using **SOAP web services** and created routes using **Apache Camel.**
* Designing solutions on **Azure, AWS, Google, Soft Layer** & other hybrid cloud options
* Real time **Micro services** development experience using **Cloud based DevOps** solutions like **AWS**.
* Created Data Lakes and data pipeline for different events of mobile applications, to filter and load consumer response data from urban-airship in **AWS S3 bucket** into Hive external tables in **HDFS** location. Good experience on **Apache Nifi** Ecosystem.
* Deploying applications in **Docker** containers and orchestrating via **Kubernetes**.
* Worked with different file formats like **Json**, **AVRO** and **parquet** and compression techniques like **snappy**. **Nifi ecosystem** is used.
* Deployed applications into **Continuous integration** environments like **Jenkins** to integrate and deploy code on **CI** environments for development testing.
* Used **Apache Nifi** for ingestion of data from the **IBM MQ's (Messages Queue)**

***Environment: Java, J2EE, HTML, CSS, JavaScript, XML, JSP, Angular JS, Servlets, Spring, Struts, Jasper Report, Hibernate, Web services, SQL, BPM, Oracle, Golang, Confluence, GWT, Stash, AWS, Kubernetes, bamboo, cucumber, Microservices, Eclipse, GIT, Kafka, Jenkins, Maven, Log4j, JUnit, WebLogic 10.X, IBM WebSphere Application Server, JIRA, Clearcase.***

**Client: Entertainment Partners, Burbank, CA Duration: April’2015- Nov’2017**

**Role: Java Developer**

**Responsiblities:**

* Involved in developing **web application** with **full Software Development Life cycle (SDLC)** from design to deployment using **agile** methodologies
* Implemented **MVC design** pattern in **J2EE** applications using **Servlets, Java Beans, JDBC Data Access Objects (DAO) and JSP**
* Developed **Spring Controllers, Service Components, DAOs, Web Services and UI Integration** for processing the member request for the two modules
* Design and development of Micro services using **Spring Boot, Docker CE , REST API** for backend systems that serve to communicate with customer to generate correspondences for customer components running on **AWS VPC** and **AWS** **EKS** **Kubernetes cluster** .
* Developed **REST controllers** using **Spring Data REST** to serve the **UI** with required **JSON data**.
* Implement modules into **NodeJS** to integrate with designs and requirements.
* Developed real time tracking of class schedules using **NodeJS** (socket.io based on socket technology, Express JS framework).
* Involved in **DevOps migration/automation** processes for **build and deploy systems**.
* Used **Hibernate** in the persistence layer and implemented **DAO’s** to access data from database.
* Used **Java Persistence API (JPA)** and **Hibernate** for performing the database transactions.
* Written Test cases using **Junit** to validate the application flows in different scenarios in the standalone application
* Experience in spring module like **MVC, AOP, JDBC, ORM, JMS,** and **Web Services** using **Eclipse** and **STS IDE**
* Developed user interface using **JSP, JSP Tag libraries JSTL, HTML, CSS, JavaScript** to simplify the complexities of the application

***Environment: Java, J2EE, HTML, CSS, JavaScript, XML, JSP, Angular JS, Node.Js, Servlets, Spring, Struts, Jasper Report, Hibernate, Web services, SQL, BPM, Oracle, PostgreSQL, Golang, GWT, Stash, AWS, bamboo, cucumber, Microservices, Eclipse, GIT, Jenkins, Maven, Log, JUnit, WebLogic 10.X, IBM WebSphere Application Server, JIRA, Clearcase.***

**Client: Ericsson, Plano, TX Duration: Nov’2013- Mar’2015**

**Role: Java/J2EE Programmer**

**Responsiblities:**

* Analyzed and extracted the event flows of the **UI** layer code written in **JavaScript, struts, java applets** and **JSPs** to come up with the sequence diagram for various transactions.
* Developed Pop-in Dialog **JSP**s and passing Request Parameters using **JavaScript, Jquery, JSTL**.
* Involved in creating **REST** services using **Node-JS, Express-JS, Mongoose and Body-Parser NPM** modules.
* Followed **Reflux** architecture in creating the actions, stores and controller components for callbacks.
* **Used Bootstrap CSS** for **dialogs, tabs, date picker, model pop up's** and advanced components to implement UI model.
* Create, edit and maintain sites implementing responsive design & themes using front-end development frameworks including **Bootstrap**.
* Developed routing components in the application using **react-router** module for various components and views.
* Developed the DAO layer for the existing applications using **spring, Hibernate** and developed various business logic and reports using **HQL** and **Hibernate** Criteria.
* Worked on Installation and configuration of **DevOps** tools.
* Maintained **GIT** repositories for **DevOps environment**: automation code and configuration.
* UI Implementation with **Struts, JavaScript, Struts Validation framework** on **MyEclipse IDE**. Applied **Struts features** like Tiles and Validation framework. 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.
* Used **Spring** Framework with **Hibernate** to map to **Oracle** database and mapping using **Hibernate** Annotations.
* Implemented **MVC architecture** by using **Struts/Swings** to send and receive the data from front-end to business layer. Integrated the **Struts** and **Hibernate** to achieve **Object relational mapping**. Used **apache struts** to develop the web-based components and implemented **DAO**.
* Used **JMS** for the asynchronous exchange of critical data and events among J2EE components. **Publisher-Subscriber** method was used for data loading and **Point-To-Point** method of **JMS** was used for event processing
* Leveraged **struts-validations**, **struts-beans** tag libraries. Used struts **Action Servlet** to route the request to corresponding **Action Classes**. Developed **Action forms, Action classes** using **Struts framework** to handle user requests and Implemented **Struts Bean Tags, Logical Tags and Display Tags in JSPs**.
* Involved in the development modules using **Flex 3.0**, Action Script and integrating with **J2EE** layer using Blaze DS and **Spring MVC** frame work. Involved in development of server side modules using **SpringMVC, SpringIOC**, **Spring AOP, and AspectJ**.

***Environment: JDK1.4, Servlets-2.3, JSP-1.2, Struts-1.1, XML, CSS, DHTML, GWT, Taglibs, IBM AIX, IBM MQ, Eclipse, IBM Websphere5.1, GIT, WSAD, log4j, Actuate, Toad and Oracle9i, PostgreSQL.***

**Client: Digi Mark Solutions, Ahmedabad, India Duration: Aug 2012’ – Oct-2013**

**Role: Front-End Developer/Mobile Web Developer**

**Responsiblities:**

* Developed technical solutions using **AngularJS, JQuery, HTML5, CSS3, REST API, Bootstrap, NodeJS Server-side**.
* As a member of Mobile Team created mobile pages by using **JavaScript** and **jQuery** for various screen sizes and rotations on tablets. Used **HTML, CSS**, and **Bootstrap** for page views.
* Worked on single pages for mobile versions of Sears.com and Kmart.com web sites such as: fulfillment part of Product Details page (Shipping/Delivery, Pickup in Store, Find Store), Questions/Answers, Reviews, etc. All these pages were developed using **AngularJS Framework**.
* Reviewed Functional Specification documents, SAL documents and Wireframe documents and implemented User Stories.
* Performed Unit and Smoke testing of newly developed features on all **Android** and **iOS** devices before submitting code for regression testing to the QA Team.
* Worked on **GitHu**b to maintain Feature, Hotfix and Staging branches for different features.

***Environment: HTML5, CSS3, JavaScript,Object-oriented Java Script,JQuery, AJAX, MVC, angular.js, backbone.js, Require.js, Node.js, Ext.js, XML, JSON, DOM, SOAP, RDBMS, Struts Mvc,Windows.***

* ***Thank you.***