**Priya Sai**

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**Sr. Java Full Stack Developer**

**Objective:** Highly skilled and motivated **Java Full Stack Developer with front end and back end Technologies**, over **12+ years** of experience seeking challenging opportunities to contribute my expertise in building robust and scalable web applications. Committed to delivering high-quality code and exceeding client expectations through innovative solutions.

**PROFESSIONAL SUMMARY**

* Hands-on experience in **designing, developing, and deploying Java - UI based applications** for various industries.
* Proficient in **full-stack development**, including **front-end and back-end technologies, databases, and cloud platforms.**
* Strong expertise in analysing complex business requirements and translating them into technical solutions.
* Demonstrated ability to lead and collaborate with cross-functional teams in **Agile environments to deliver projects on time and within budget.**
* Experience in **Object Oriented Designing, Developing, Implementation and testing in Client/Servers e-business applications** using **Java & J2EE** Technologies.
* Experienced with J2EEDesignPatterns such as **MVC, Business Object (BO), Service Locator, Data Access Object (DAO), Data Transfer Object (DTO), Singleton Pattern, and Front Controller.**
* Utilized **Java 8 / 11** features like Lambda expressions and Stream API for Bulk data operations on **Collections** which would increase the performance of the Application.
* Experience in **Spring Boot** with **Microservices** and Message based systems using JMS API.
* Expertise in implementing and deploying **SOAP API** Web Services and Restful Services **JAX-RS** to develop dynamic server-side web contents.
* Experience in several agile frameworks like **Scrum, XP,** and Using **TDD/BDD** and **ATDD** approach.
* Experience implementing **SOA,** Webservice applications.
* Experience in **Microservices** and **Spring Boot** application development.
* Strong Experience in developing the application using frameworks like Struts, **Java.**
* **Server Faces (JSF)** and Spring Frameworks Worked on maintaining the persistence using Hibernate, **JPA ORM.**
* Proficiency in developing web services **(SOAP, RESTful)** that include several components like **SOAP, WSDL, XML and XSD.**
* Experienced in implementing presentation layer using **JSF, JSP, HTML5, CSS, jQuery**, **JavaScript, AngularJS, Angular 6/4, Ext JS, Node JS, JSON and Servlets.**
* Designed and developed multiple **J2EEModel** to **MVC** based Web Application using **J2EE** Technologies, Patterns and popular open-source framework **Struts, Spring MVC, spring, JPA and Hibernate.**
* Created **REST APIs** by using spring, exposed them from my existing system so that it is consumed by other application.
* Developed application using **Angular6** and **NodeJS** connecting to **Oracle** on the backend.
* Experience in developing cross platform Client-side applications using **NodeJS, BackboneJS** and **Angular4** to achieve scalability in real-time web applications
* Created Single page applications with the use of **Java Script** library **React.js.**In-depth experience in **React.js** and techniques such as Redux, JSX, Form Validation, HOC and react-router
* Hands on experience in deployment of J2EE applications on **JBoss, Tomcat, Web logic Application Servers.**
* Good experience maintaining the project in **SVN, StarTeam** version control repositories.
* Experience in using **XML** based technologies and parsers **DOM, SAX, JAXP, and JAXB.**
* Experience in database design, **No SQL,** data modelling and developing stored procedures, functions and triggers using **SQL plus, SQL developer** in **Oracle 9i, My SQL and DB2.**
* Experience in **DB2** for storing and analyzing Data.
* Hands on experience using Messaging Services like **JMS**, **MQ Series**.
* Experience in writing test-cases in Java environment using **JUnit, Mockito**.
* Usage of version control repository **SVN (Subversion by apache), JIRA, Jenkins.**
* Involved in testing **Web services and XML files using SoapUI**.
* Experience in Continuous Integration using **Jenkins** for timely builds, code coverage, running test.
* Develop **AWS** Lambda based Micro Services interacting with **Dynamo DB & SNS/SQS** using AWS SDK.
* Deployed **Spring Boot** based Micro services **Docker** container using **Amazon EC2** container services and using **AWS** admin console.
* Used **GIT** for version control, and **Jenkins** for **Continuous Integration and Continuous Deployment (CI/CD).**
* Experience in managing the build files using **ANT** and **Maven.**
* Experience in using the **Log4j** framework for Logging Java Application.
* Configured the tools like **Bitbucket, JIRA, Confluence, Chef and Kubernetes.**

**TECHNICAL SKILLS**

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| **JAVA TECHNOLOGIES** | Java8/11, J2EE, Core Java, Collections, JDBC, AWT, JSP, Servlets, JSTL, JNDI, Ajax, EJB, JMS, Java Beans, Custom Tags, RMI, JCAPS, Spring. |
| **WEB TECHNOLOGIES** | PHP 5, JavaScript, jQuery, Prototype, CSS3, HTML, HTML5, XML(SAX, DOM), XSL/XSLT, XPATH |
| **Application Servers** | Apache Tomcat, Glassfish, IBM WebSphere, JBoss, WebLogic |
| **Web Services** | SOAP, APACHE CXF, AXIS, Fire, JAXP, JAXB, JMS, WSDL(JAX-WS), UDDI,REST(JAX-RS) |
| **Framework** | Spring, JPA, Hibernate, Struts |
| **Database** | MySQL, PostgreSQL, SQL Server, Oracle, DB2, Cassandra and MongoDB |
| **Scripting Language** | Linux/Unix Shell Scripting, JavaScript |
| **Version Control** | GitHub, Bitbucket, Git |
| **Web Frameworks** | AngularJS, NodeJS, ReactJS |
| **Designing Tools** | Balsamiq (Wireframing), In Vision, Adobe In-design, Photoshop, Illustrator, Muse, Dreamweaver, Bootstrap, WordPress |
| **IDEs** | Spring Tool Suite, Maven, Eclipse IDE, NetBeans, RAD, WSAD, JBuilder, JDeveloper, Visual Studio.NET, Toad, JUnit, Log4j. |

**PROFESSIONAL EXPERIENCE**

**Client: Sonata- Arizona June 2020 -Present**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved in **SDLC**Requirements gathering, Analysis, Design, and Development, Testing production of application using **Waterfall model**
* Involved in design discussions and understanding of business requirements and identify the relevant functional and technical requirements.
* Designed and coded application components in an **Agile** environment utilizing a **Test-Driven Development.**
* Developed the crucial process like: CPD, Streamers and Snaps for data extraction and streaming where in used **Collections, Multithreading** I/O a great deal.
* Used **Spring Boot** which is radically faster in building cloud **Micro-Services** and develop Spring based application with very less configuration.
* Implemented **REST Microservices** using spring boot. Generated Metrics with method level granularity and Persistence using **Spring AOP** and **Spring Actuator.**
* Used **ReactJS** to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* And also to create Controllers to handle events triggered by clients and send request to server.
* Experience in building isomorphic applications using **React.js** and **Redux** with GraphQL on server side. (Give everyone an easy and efficient way of accessing data (it uses less resource than the REST API, especially with mobile applications).
* Proficient in using **React JS** for creating reusable components along with sliders, charts, grids and handling events and DOM objects.
* Extensively worked in writing minimal code in building re-usable forms with their validations using **React** with **Redux** Architecture.
* Developed various web pages and components using **React JS** by implementing **redux** components and libraries and predefined components from **NPM** (Node Package Manager).
* Worked on designing specific programs efficiently through knowledge of multithreading using the **API** with the goal of increasing performance on a wide variety of applications.
* Developed **Web API** using **NodeJS** and hosted on multiple load balanced **API** instances.
* Designing, Coding (development) and Debugging application using Eclipse as an IDE, **Spring JDBC framework** and **DAO pattern, HTML5, CSS3, and JQuery.**
* Handled response data from **RESTFUL** web services using **XML, SOAP and JSON** to update **UI.**
* Developed **DAOs** using **hibernate** persistence **API** for the database operations to interact with Oracle Database.
* Responsible for developing UI pages using **Angular 6, HTML5, CSS3, JavaScript, XML, jQuery, AJAX and JSON.**
* Involved in developing web pages using **Angular 6**Framework and familiar with various Angular JS directives and services.
* Used **Angular JS** as frameworks to create **Single Page Applications**(SPA) which can bind data to specific views and synchronize data with server using **Sass**, **Bootstrap**, **Angular 6**.
* Responsible for Web UI development in **Angular 6** for dynamic loading of Web pages.
* Responsible for creating efficient design and developing User Interaction screens using **HTML5, CSS3, JavaScript, and Bootstrap.**
* Used micro-framework to implement with REST API and Mongo DB (NO SQL) as back end database.
* Configured **Kafka** to read and write messages from external programs and handle real time data.
* Implemented **Kafka** producer and consumer applications on **Kafka** cluster**.**
* Used **JUnit framework** to perform Unit testing of the application.
* Added dynamic functionality to the application by implementing **JQuery, Node JS**
* Developed real time tracking of class schedules using **Node JS**
* Experience in all phases of usability testing including user profiles and personals, task analysis, contextual research, test moderation, and reporting using**Karma and Jasmine.**
* Used **SOAP UI** tool to test SOA based architecture application to test **SOAP services & REST API.**
* Developed strategies and supported tools to create an efficient automated integration and release process using Jenkins.
* Created **Python scripts** to automate AWSS3 data upload/download and control instance operations with AWS API.
* Involved in **PL/SQL** code review and modification for the development of new requirements. Coded **PL-SQL** packages and procedures to perform data loading, error handling and logging
* Developed Enterprise Application using Struts **Spring** Hibernate Framework using Maven.
* Used **AWS** to deploy the project on **EC2** instance. Implementation of the Business logic layer for Services.
* Involved in deploying systems on **Amazon Web Services (AWS)** Infrastructure services **EC2, S3, RDS, SQS, Cloud Formation**.
* Good understanding of **ORM** technologies such as **Hibernate, and Spring JDBC.**
* Integrated **Jenkins** with version controller **(GIT)** and scheduled builds to run automatically during a build release by invoking predefined maven commands.
* Experience in **Ansible** as Configuration management tool, to automate repetitive tasks, quickly deploy critical applications, and proactively manage change.
* Used **Maven** to build and **Apache Tomcat** to deploy the application.
* **Log4j** is used for logging different types of messages to write on to the proprietary log model.
* Used **JIRA** extensively for Defect tracking and reporting, made use of Confluence for document management.

**Environment**: Java 8/ 11, HTML5, GIT, RDBMS, SDLC, Spring AOP, SQL, CSS3, Oracle, Spring-boot, GIT, Spring Actuator, Micro Services, Node JS, React JS, XML, SOAP, JSON, Hibernate, Angular 6, Jira, Aws, JavaScript, jQuery, AJAX, EC2, S3, RDS, SQS, ,Cucumber, Jenkins, Apache Tomcat, Log4j, GIT, JIRA.

**Client: Verizon, New York Aug 2018-May 2020**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Deployed this application which uses **J2EE** architecture model and Struts Framework first on Web logic and helped in migrating to JBoss Application server.
* Worked in **Java, J2EE, XSL, XML, Oracle, DB2, Struts, spring, Hibernate, REST Web services,** Model driven architecture and software configuration management tools.
* Developed Application based on **J2EE** using **Hibernate, spring, JSF frameworks** and **SOAP/REST** web services, Web Sphere Integration Developer (WID) Tool to develop WPS components.
* Responsible for analysis, design, development, and integration of backend components using J2EE technologies such as Spring and **Spring JDBC.**
* Create new interfaces using **Java, Maven/Ant, Spring MVC / Struts, or Hibernate** based on provided requirements **XSD/DDF.**
* Experience in software development and architecting for complex algorithms and data structure for Distributed Computing.
* Developed Servlets and JSPs based on MVC pattern using Struts framework and **Spring Framework.**
* Developed web application using **HTML5, CSS3, JavaScript, jQuery**, **AngularJS, Angular 4, NodeJS, AJAX, and JSON.**
* Developed web service for web store components using **Restful API**.
* Implement modules into **Node JS** to integrate with designs and requirements.
* Utilized Bootstrap and to develop a reactive website from a static **JavaScript, Node JS**, Bootstrap, and jQuery existing code base
* Experience in creating Cluster Health Reporting and forecasting for Mark logic Distributed Mongo DB.
* Used date-format and moment packages in **Node JS** to save the timestamp in database converting into GMT. Involved in Test Driven Development by writing unit test cases.
* Experience in Designing and implementing graph algorithms and data structures, circuit design database.
* Developed store procedures, Triggers, and functions in Oracle to process the trades using **PL/SQL** and mapped it to Hibernate Configuration File and established data integrity among all tables.
* Extensively used the advanced features of **PL/SQL** like **Records, Tables, Object types**and**Dynamic SQL.**
* Responsible for writing **Spring** Configuration **XML** file that contains declarations and another dependent object declaration.
* Moved existing **AngularJS** controllers and services to **Angular 4** components for more responsive and less dependency. Enhanced legacy application by building new components in **Angular 4 and typescript**.
* Developed project to interface with extensive database via cloud-based API utilizing **GitHub, AWS/RDS servers**, and continuous integration with Code ship.
* Developed user interface using **JSP, JSP** Tag libraries and Java Script to simplify the complexities of the application.
* Used **Apache Kafka** in cluster as messaging system between the APIs and Microservices.
* Used **ANT** for developing build scripts and deploying the application.
* Developed supporting data analysis projects using **Elastic Map Reduce** on the Amazon Web Services cloud.
* Used scripting languages like **Python, Ruby, Perl, Bash** and configuration management tools **Chef, Puppet**,

and **CF Engine** and Web Service like **AWS.**

* Responsible to designing and deploying new **ELK clusters (Elasticsearch, Logstash, Kibana, beats, Kafka, zookeeper etc.**
* Design, build and manage the **ELK (Elasticsearch, Logstash, and Kibana)** cluster for centralized logging and search functionalities for the App.
* Developed **DAO** and service layers using the **Spring DAO** support and hibernate **ORM** mappings.
* Worked on AWS Cloud platform and its features which includes **EC2, VPC, EBS, Cloud Watch, Cloud Trail, CloudFront, IAM and DynamoDB**.
* Worked in Amazon Web Services including migrating infrastructure to **AWS** cloud and maintenance of production web infrastructure.
* Used **Jenkins** build for building and deploying of the applications and implemented force builds when the build fails.

**Environment:** Java8/11, HTML5, GIT, PHP, J2EE, CSS3, Spring MVC, IOC, AOP, Restful Web Service, Hibernate, Eclipse, Angular, NodeJS, CSS3, HTML5, , Kafka , Tomcat, Oracle 11g, Linux, GIT, Jenkins, JIRA, Python,ELK

**Client: Ansys Software, PA Sep 2014–June2018**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Deployed this application which uses **J2EE** architecture model and Struts Framework first on Web logic and helped in migrating to JBoss Application server.
* Worked in **Java, J2EE, XSL, XML, Oracle, DB2, Struts, spring, Hibernate, REST Web services,** Model driven architecture and software configuration management tools.
* Developed Application based on **J2EE** using **Hibernate, spring, JSF frameworks** and **SOAP/REST** web services, Web Sphere Integration Developer (WID) Tool to develop WPS components.
* Responsible for analysis, design, development, and integration of backend components using J2EE technologies such as Spring and **Spring JDBC.**
* Create new interfaces using **Java, Maven/Ant, Spring MVC / Struts, or Hibernate** based on provided requirements **XSD/DDF.**
* Experience in software development and architecting for complex algorithms and data structure for Distributed Computing.
* Developed Servlets and JSPs based on MVC pattern using Struts framework and **Spring Framework.**
* Developed web application using **HTML5, CSS3, JavaScript, jQuery**, **AngularJS, Angular 4, NodeJS, AJAX, and JSON.**
* Developed web service for web store components using **Restful API**.
* Implement modules into **Node JS** to integrate with designs and requirements.
* Utilized Bootstrap and to develop a reactive website from a static **JavaScript, Node JS**, Bootstrap, and jQuery existing code base
* Experience in creating Cluster Health Reporting and forecasting for Mark logic Distributed **Mongo DB.**
* Used date-format and moment packages in **Node JS** to save the timestamp in database converting into GMT. Involved in Test Driven Development by writing unit test cases.
* Experience in **Designing and implementing graph algorithms and data structures, circuit design database.**
* Developed store procedures, Triggers, and functions in Oracle to process the trades using **PL/SQL** and mapped it to Hibernate Configuration File and established data integrity among all tables.
* Extensively used the advanced features of **PL/SQL** like **Records, Tables, Object types**and**Dynamic SQL.**
* Responsible for writing **Spring** Configuration **XML** file that contains declarations and another dependent object declaration.
* Moved existing **AngularJS** controllers and services to **Angular 4** components for more responsive and less dependency. Enhanced legacy application by building new components in **Angular 4 and typescript**.
* Developed project to interface with extensive database via cloud-based API utilizing **GitHub, AWS/RDS servers**, and continuous integration with Code ship.
* Used **Spring Kafka** API calls to process the messages smoothly on **Kafka** Cluster setup.
* Implemented **Kafka** producer and consumer applications on **Kafka** cluster setup with help of Zookeeper.
* Wrote Kafka producers to stream the data from external rest APIs to **Kafka** topics.
* Developed user interface using **JSP, JSP** Tag libraries and Java Script to simplify the complexities of the application.
* Used **Apache Kafka** in cluster as messaging system between the APIs and Microservices.
* Used **ANT** for developing build scripts and deploying the application.
* Developed supporting data analysis projects using **Elastic Map Reduce** on the Amazon Web Services cloud.
* Responsible to designing and deploying new **ELK clusters (Elasticsearch, Logstash, Kibana, beats, Kafka, zookeeper etc.**
* Design, build and manage the **ELK (Elasticsearch, Logstash, and Kibana)** cluster for centralized logging and search functionalities for the App.
* Developed **DAO** and service layers using the **Spring DAO** support and hibernate **ORM** mappings.
* Worked on AWS Cloud platform and its features which includes **EC2, VPC, EBS, Cloud Watch, Cloud Trail, CloudFront, IAM and DynamoDB**.
* Worked in Amazon Web Services including migrating infrastructure to **AWS** cloud and maintenance of production web infrastructure.
* Used **Jenkins** build for building and deploying of the applications and implemented force builds when the build fails.

**Environment:** Java8/11, GIT, PHP, HTML5, CSS3, J2EE, Spring MVC, IOC, AOP, Restful Web Service, Hibernate, Eclipse, Angular, NodeJS, Web logic Server, WSDL, SOAP, JAX-WS, Kafka , Tomcat, Oracle 11g, Linux, GIT, Jenkins, JIRA, ELK.

**Adborn Solutions IT Services and IT Consulting ( India ) Mar 2011 – June 2014**

**Java Developer**

**Responsibilities:**

* Used Agile methodology for design and development of project.
* Developed the application with iterative methodology, recapturing the existing code and writing a new code for most of the modules.
* Worked on backend logic using **Servlets, EJB, Hibernate and JDBC.**
* Developed page specific elements, handlers, web beans, view helper classes, JSP pages & fragments by using design patterns and java standards.
* Validating the Application by Deploying and testing on **JBoss Server.**
* Involved in developing the UI pages using **HTML5, CSS3, JavaScript, JSON, jQuery and AJAX.**
* Used **JDBC** Connection, Statement to retrieve Data from **RDBMS.**
* Worked with **MySQL** for SQL log and Workbench.
* Developed business services using EJB and used **SOAP API.**
* Translated functional requirements into technical design by gathering the user stories.
* Developed servlets for generating reports in PDF format.

**Environment:** Java, PHP, HTML5,CSS3, React, Node**,** Servlets, EJB, JDBC, SQL, Oracle- SQL, JBOSS, RDBMS, JavaScript, JSON, jQuery, AJAX, MYSQL, SOAP API