**HARISH TALLAPANENI**

Java Full Stack Developer

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**PROFESSIONAL SUMMARY:**

* 8+ years of extensive experience in **design and development** of **Java/J2EE, Middleware and Portal** applications.
* Extensive experienced in working projects involving methodologies like**Agile, Scrum, TDD (Test Driven Development), Iteration and Waterfall.**
* Worked on several domains**Banking, Insurance, Mortgage, Healthcare. Finance.**
* Strong web technology skills using **Spring MVC, Spring Boot, JSP, GWT, AJAX, HTML/HTML5, CSS/CSS3, JavaScript, Python.**
* Experience in Automated testing using **JUnit, Mockito, Jasmine, Karma.**
* Experience with **Relational and Non-relational databases**designing, developmentusing**Oracle 9i/10g/11G, MySQL, DB2, MongoDB, Cassandra.**
* Expertise in designing, developing and deploying applications using J2EE technologies including **Servlets, JSP, EJB 2.x/3.x, JSTL, Struts, Spring 3.5, JMS, AJAX, JDBC, Java Beans.**
* Experience for designing and developing front-end web applications with **Angular JS/2/4, Node JS, Bootstrap, jQuery, HTML5, CSS3, Responsive Design.**
* Worked with IDEs like **Eclipse, IntelliJ IDEA, NetBeans,Web Storm**on **Windows, Mac and Linux platforms.**
* Proven experience in **AWS (EC2, EC2 Container Services/Docker, VPC with Security Groups, S3, IAM, SNS, Lambda, Route53, Cloud Formation, CloudWatch, Services),DevOps tools and Microservices architecture.**
* Deployed the Application into **Docker container** and made easily accessible at runtime using **pivotal Cloud Foundry, Netflix Eureka, Spring Hystrix as fallback method, Spring Ribbon** for load balancing and a broker service to maintain status using **Spring Kafka** and **Zookeeper**.
* Hands on experience with build tools **Maven, ANT and Gradle.**
* Good experiencewith application servers like **JBoss 5/6, Tomcat5/6/7, IBM WebSphere 6/6.1/7, Oracle WebLogic 8.1/9.1.**
* Hands on working experience **Linux environment with Apache Tomcat,**experience on **AmazonAWS.**
* Experience working with webservices **REST, SOAP, JAX-WS, JAX-RPC, Axis 2, WSDL.**
* Experiencewith **XML**technologies**XML, XSLT (DOM, SAX), XPATH and DTD.**
* Experience working with persistence framework like Hibernate/JPA for mapping Java classes with database and using**Hibernate Query Language (HQL)**.
* Extensively used Tag Libraries like **Tags, Struts Tags, JSTL, Spring Tags, Display Tag, XML/XSD.**
* Have created**Docker images, Containers, push/pull** by integrating with **Spring Boot**.
* Good knowledge on **Big data technologies Hadoop, Spark, Hive.**
* Hands on Experience with **Python** for writing test cases and configuring the project and Developed **Python OO Design code for logging and debugging** code optimization.
* Experience with user interface/user experience design using **Axure, Photoshop.**
* Strong experience using **Jenkins** for continuous software integration development.
* Experience in document preparation including **Requirement Specification, Analysis, design documents, Test cases and User Training documents and Technical Help documents**.
* Excellent verbal and non-verbal **communication skills, analytical and problem-solving skills** to work independently or within a team environment.

**Technical Skills:**

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| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, RMI, EJB, Swing, AWT, Multi-threading, Java Networking |
| **Programming Languages** | Java, Python, C, PL/SQL, XML |
| **Frameworks** | Struts 1/2, Spring 3/4, Spring Core, Hibernate 3, JSF, Spring Boot |
| **Web Technologies** | Angular JS/2/4, Node JS, JSP, JavaScript, HTML/HTML5, CSS/CSS3, jQuery, Bootstrap, SASS, Ajax |
| **Application/Web servers** | JBoss 5/6, Tomcat, IBM WebSphere 6/6.1/7, Oracle WebLogic 8.1/9.1 |
| **Analysis/Design Tools** | Data Modelling, Design Patterns, UML, Axure, Photoshop |
| **IDEs** | Eclipse, IntelliJ, Web Strom, NetBeans |
| **Testing/Logging Tools** | JUnit, Mockito, Jasmine, Log4J, Karma, Jenkins |
| **Cloud/Big Data Technologies** | AWS, Netflix Eureka, Pivotal Cloud Foundry, Spring Cloud, Docker, Hive, Spark, Hadoop, Elastic Search |
| **Build/Deploy Tools** | ANT, Maven, Gradle |
| **Database Technologies** | Oracle 9/10g/11g, DB2, MySQL, MongoDB, Cassandra |
| **Web Services** | REST, SOAP, JAX-WS, JAX-RPC, Axis 2, WSDL, SOAPUI |
| **Version Control** | Git, SVN, CVS |
| **Platforms** | Windows, Mac OS X, Linux |

**PROFESSIONAL EXPERIENCE**

**Client: Thomson Reuters - Houston, TX Sept 2016 – Till Now**

**Role: Java Full Stack Developer**

**Project:**

Payment Management is a web application that helps billing staff and managers quickly identify and correct problems that lead to denials and lost revenue. Benefits include: faster communication of payment notification/receipt, faster account reconciliation through electronic posting, automation of follow-up action, paperwork reduction and improved efficiencies. Payment Management permits billing personnel to Search, View, and Print Electronic Remittance Advice (ERAs) used for secondary billing.

**Responsibilities:**

* Worked with a team of 12 people and followed **Test Driven Development(TDD)**methodology to produce high quality software.
* Developed application using features of **Java 8Lambda expressions for array operations, Strems, Method reference, collections.**
* Worked with **Angular 4**, **Bootstrap, HTML5, CSS3** to develop UI part of the application.
* Implemented code according to coding standards and Created **Angular 4** Controller, which isolate scopes perform operations.
* Used **Spring AOP Module** to implement logging in the application to know the status.
* Created and injected **Spring services, Spring controllers and DAOs** to achieve dependency injection and to wire objects of business classes.
* Used **Hibernate Transaction Management, Hibernate Batch Transactions, and Hibernate cache** concepts.
* Setup and build **AWS** infrastructure various resources, **VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS** in Cloud Formation.
* Developed **Hibernate** with **SpringIntegration** as the data abstraction to interact with the database of **NoSQL(MongoDB)**.
* Working on **cluster co-ordination** with data capacity planning and node forecasting using **Zookeepers**.
* Developed API for using **AWS Lambda** to manage the servers and run the code in the AWS.
* Worked with high volume and complex **PL/SQL** stored procedures and packages using **Oracle SQL** interacting with **Oracle 11g**.
* Perform configuration and problem resolution of system hardware and connectivity using **Python**.
* Wrote **Python scripts to parse XML** documents and load the data in database.
* Used **JUnit** to write unit test cases for every piece of the application.
* Implemented Internationalization using **Spring MVC Interceptors** and **spring core modules**.
* Design the **Elasticsearch** **configuration files** based on number of hosts available, naming the cluster and nodeaccordingly.
* Used **Git** for project management and project version management.
* Deployed the application on **Apache Tomcat 8.0**and **Log4j** to generate run-time logs.
* Worked with **Spring tool suite** based on **Eclipse IDE** for developing and debugging the application code.
* Worked on creation of custom **Docker** container images, tagging, pushing images, integration with

**Spring boot**.

* Used **Spring Batch** as spring batch jobs can meet the requirements of reliability, robustness, and traceability, which are essential for automatic processing of large amount of data.
* Worked with **SOAPUI** to test **SOAP** or **REST webservices.**
* Used Micro service architecture with Spring Boot based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Used **Apache ANT** for managing and building the application.

**Environment:**Java8, Spring, Spring Core, RESTWeb Services, Hibernate, AWS,XML, JUnit, Python, Angular 4, HTML5, CSS3, PL/SQL, Oracle 11g, Ant,Git, Apache Tomcat, Pivotal Cloud Foundry,MongoDB, Log4j, Kafka, Docker, Spring Boot, SOAPUI

**Client: Berkadia Commercial Mortgage – Ambler, PA Feb 2015 - Aug 2016**

**Role: Sr. Full Stack Developer**

**Project:**Berkadia Commercial mortgage is a financial and commercial real estate company, is a leader in the commercial real estate industry and providing comprehensive capital solutions and investment sales advisory and research services for multifamily and commercial properties. This project Assert surveillance is an enterprise web application to host the various mortgage loan information for the own and different financial clients. It's to maintain comprehensive real estate solutions for the entire life cycle of our clients' assets

**Responsibilities:**

* Involved in **Agileproject management life cycle** from development to integration, testingand release to lower environments.
* Used **spring dependency injection, annotations** and **Spring MVC** components to implement business layerand navigation part of application.
* Worked in **Jira environment** to track bugs and issues of the project.
* Used **XML/XSLT** for transforming common **XML format** and **SAML** for Single Sign-On.
* Used **XMLHttpRequest** Object to provide asynchronous communication as part of **AJAX** implementation.
* Develop the **micro-service** in **spring cloud framework** to support Next generation cloud framework.
* Worked on Microservices that uses **Spring Eureka, Spring Ribbon andSpring Cloud Netflix** to provide client-sideload balancing in calls to another **Microservice** in the application also the **Spring Hystrix** as circuit breaker.
* Created proof of concept Data as A Service (DaaS) based RESTful (Jersey) web service which is connected to a MongoDB based data store running on Tomcat 8.
* Rewrite existing Java application in Python module to deliver certain format of data. Generated Python Django forms to record data of online users.
* Implement modules into **Node JS** to integrate with designs and requirements.
* Wrote internal and external API services using **Node JS** modules.
* Worked on **Spring core/MVC**for **dependency injection and integrated backend** with the **Angular 2** frameworks.
* Understanding on **big data technologies like Apache Hive, Kafka, Hadoop and Apache Spark**.
* Developed **POCs using PySpark**, deployed on the **YARN cluster**, compared performance of **Spark, Hive, and SQL.**
* Developed using **Hibernate mappings, HQL, Query, Criteria, Lazy loading Transactions and Locking**.
* Created user-friendly **GUI interface** and Web pages using **HTML5, CSS3,Angular 2**.
* Implemented the associated business modules integration using **spring and Hibernate data mapping**.
* Used **CSS preprocessorsSASS** to build stylesheets for user interface.
* Responsible for migrating existing modules to **Kafka**.
* Used **Jasmine** for unit-testing on client-side code by configuring **Karma** test runner.
* Involved in the database retrieval and connections establishment to the **Oracle10g**.
* Used **WebSphere** as application server**maven** for building and deployment process for the project.
* Implemented SOA to develop **REST** Based Web services using **Apache Axis**.

**Environment:**Java, Spring,Jira, Spring Core, Spring Cloud, Hibernate, XML, AJAX, WebSphere, Maven, Angular 2, Node JS, HTML5, CSS3, Jasmine, Karma, Oracle 10g, Spring Tool Suite,Python,MongoDB. REST, Apache Axis, Kafka, Spark, Hive, Hadoop, SOAPUI

**Client: Capital One – San Jose, CA Mar 2013 to Jan 2015**

**Role: Sr. Java Engineer**

**Project:**

A portal to maintain information about employee's loan application, and KRA (Key Resource Areas). This application is an automated web enabled system for the Appraisal process. Each employee of the organization was supposed to complete the Self-Assessment to get the variable compensation. They also need to complete and submit the Self Documentation Form, KRA Review Form and Competency Form. These forms are common for all employees based on different levels.

**Responsibilities:**

* As a Java developer involved in back-end and front-end developing team. Took part in developing, maintaining,reviewing and supporting quality code and services.
* Involved in Daily **SCRUM** meetings and developing project **Agile methodology Jira** process.
* Designed the user interfaces using **JSPs, AJAX and Struts Tags**.
* Created **struts form beans, action classes, JSPs** following Struts framework standards.
* Involved in **unit testing, troubleshooting and debugging**. Modifying existing programs with enhancements.
* Worked on **Pivotal Cloud Foundry** to host **Cloud based Applications**.
* Developed using new features of **Java 1.7** Annotations, Generics, enhanced for loop and Enums.
* Worked with **NoSQL** platform **MongoDB** for developing and communicating with database.
* Worked on **MongoDB** database concepts such as **locking, transactions, indexes, Shading, replication, schema design**, etc.
* Used **XML** with **SAX parser** to transfer data between applications.
* Worked onWeb Services using **SOAP** with **JAX-WS** for large blocks of **XML data over HTTP**.
* Created UI interfaces to manage user menu and Bulk update of Attributes using **AngularJS**.
* Worked on automating data loading, extraction. **UNIX Shell scripting** is used for generating the reports.
* Used **Angular JS** to include creating modules and components and coupling them together into a functionalapp.
* Developed Test cases of **AngularJS** using **Grunt and Karma**.
* Used Web Services for creating rate summary and used **WSDL** and **SOAP** messages forgetting insurance plans from different module and used **XML** parsers for data retrieval.
* Used version control repository **SVN** (Subversion by apache)

**Environment:**Java, JSP, Struts, Ajax, Unix Shell Scripting, Angular JS, Mockito, SVN, AWS, MongoDB, Scrum, Jira SOAP, WSDL, XML, Unit Testing, Debugging, Grunt, Karma,Troubleshooting, Firebug

**Client: TIAA-CREF – Charlotte, NC March 2012 – Mar 2013**

**Role: Java Software Developer**

**Project:**

The Retail Portal will provide the TIAA-CREF Life Insurance Company (TC Life) the ability to market the life and annuities products to a diverse audience (DFA). The application will provide visibility and access to key product information for marketing. The Retail Portal is an external website specifically designed to market the products offered by theTIAA-CREF Life Insurance Company. It will offer customized views based on user role and access.

**Responsibilities:**

* Involved in various phases of **AgileSoftware Development Life Cycle (SDLC)** of the application like Requirementgathering, Design, Analysis and Code development.
* Developed critical components of the application including **Spring forms, Spring controllers,JSP views, and business logic and data logic components** that include Hibernate Entities, Spring-Hibernate DAO and Springmodels following MVC architecture.
* Used **JBOSS** as application server and **Gradle** for building and deploying the application.
* Used Apache **Cassandra database** to design and handle data of the application.
* Managed build results in **Jenkins** and deployed using workflows.
* Implemented error checking/validation on the **Java Server Pages** using JavaScript.
* Developed critical components of the application including **Spring forms, Spring controllers**, **JSP views, and business logic and data logic components** that include Hibernate Entities, Spring-Hibernate DAO and Springmodels following MVC architecture.
* Developed, modified, and maintained hand coded **CSS and HTML** that **W3 standards-compliant, accessible, semantic, cross-browser compatible.**
* Participated in the product development life cycle via rapid prototyping with **wireframes and mockups**.
* Used Hibernate for mapping java classes with database and created queries with **Hibernate query language (HQL).**
* Developed Web Services **SOAP/HTTP, SOAP/JMS, MDBS, SMTP** using SOA technologies such as **SOAP, WSDL** and**UDDI**.
* Utilized DOM, SAX parser technologies in implementing **XML** parsing framework.
* Developed **JUnit unit test** cases for DAO and Service Layer methods.
* Deployed and tested the web application on **WebSphere** application server.

**Environment:**Java, JSP,Spring, Agile, Cassandra, JavaScript, HTML, CSS, JUnit, XML, JBOSS, SOAP, WSDL, UDDI, wireframing, Jenkins, Gradle, WebSphere, Hibernate, IntelliJ

**Client:Intuit Inc – Plano, TX Oct 2010 – Feb 2012**

**Role: Java Developer**

**Project:**Intuit Inc. is a business and financial software company that develops and sells financial, accounting and tax preparation software and related services for small businesses, accountants and individuals. The Company operates through three segments: Small Business, Consumer Tax and Pro Connect. Intuit makes a TurboTax, a consumer tax preparation application, the small business accounting program QuickBooks, professional tax solutions Pro Series and multiple payroll products.

**Responsibilities:**

* Involved in the design and development phases of **Agile environment**.
* Designed the application using the **J2EE design patterns** such as **Session Façade, Business Delegate, Service Locator,Value Object, Value List Handler, Singleton.**
* Created Managed Beans for handling **JSF** pages and include logic for processing of the data on the page.
* Developed the view components using **JSP, HTML**.
* Used **Axure and Photoshop** to design interactive user interface designs and wireframing webpages.
* Involved in web component design and development using the**JSP**, **Servlets**, and**tag libs.**
* Implemented **Hibernate** for Database Transactions on **DB2**.
* Developed Entity Beans as Bean Managed Persistence Entity Beans and used **JDBC** to connect to backend database**DB2**.
* Creation of Connection Pools, Data Sources in **WebLogic console**.
* Designed Interactive **GUIs** using **Java Applets and Swing/JCF**.
* Mavenized the existing applications using **Maven**and developed application on **Eclipse.**
* Used **HTML, CSS,JavaScript and jQuery**to create responsive web forms, client-side activations.
* Used **Mockito** for unit testing the application.
* Worked with **ClearCase** for version control management.

**Environment:**Agile, JSF, JavaScript, JSP, Struts, DB2, Servlets, tag libs, Hibernate, DB2, HTML, CSS, jQuery, ClearCase,WebLogic, Maven, Axure, Photoshop, SEO

**Client: Delasoft - Hyderabad May 2009 to Aug 2010**

**Role: Junior Programmer**

**Project:**

FDMS (First Data Merchant Services) gives a competitive edge to businesses and financial institutions, offering a complete portfolio of systems and services to meet the globally expanding needs of the financial industry. FDMS bills its clients per the number of transactions handled per billing cycle and generates complete reports of transactions to send to clients and to retain for audit purposes.

**Responsibilities:**

* Created the design documents with **use case diagram, class diagrams, and sequence**

**diagrams using Rational Rose.**

* Implemented complex back-end component to get the count in no time against large size
* **MySQL database** using **Java** multi-threading.
* Created Dashboards using **Java** and servlets along with **HTML and JavaScript**.
* Used **HTML5, CSS3, jQuery and JavaScript** to create responsive **user interface**.
* Worked with **Adobe Photoshop** to convert and customize **PSD** into responsive webpages.
* Used **JMS** in the project for sending and receiving the messages on the queue.
* Used **EJB** as a middleware in developing a three-tier distributed application.
* Used **CVS** for source code maintenance and development in **Eclipse IDE.**
* Worked with unit testing with **Jasmine**for the application.
* Deployed the application on **WebLogic application server.**

**Environment:**Java, JMS, EJB, CVS, MySQL, Jasmine, JavaScript, jQuery, HTML CSS, Adobe Photoshop, WebLogic, Eclipse