**Pavan Thota**

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**5200 Buffington Road,**

**Atlanta, Georgia**

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| **Professional Summary:** |

* Around 8 years of experience in software development includes Analysis, Design and Development of quality software for Standalone Applications and Web-based applications.
* Have extensive knowledge and working experience on **Software Development Life Cycle (SDLC), Service-Oriented architecture (SOA), Rational Unified Process (RUP), Object Oriented Analysis and Design (OOAD), UML** and **J2EE Architecture**.
* Strong experience working on **AWS(EC2, ECS, Elastic Beanstalk, Redshift, Kinesis, Cloud Watch, VPC, S3, Route53, ELB, Lambda, SNS, SQS)**
* Performed configuration, deployment and support for **AWS.**
* Strong experience on software development methodologies like **Waterfall** and **Agile development**.
* Good experience in developing web applications using Java language and technologies include **Core Java, J2EE.**

**Servlets, Java Server Pages (JSP), JDBC, JPA, EJB, JSF, Java Mail API and MVC Framework**.

* Experience working with **Spring**.
* Good knowledge on RDBMS languages like **SQL** and **PLSQL**.
* Good experience in Design and Development of database systems using different RDBMS Databases like **MySQL, Oracle, PostgreSQL and DB2.**
* Extensive Knowledge in all phases of Project and Product development life cycle that includes **System Study, Analysis, Design, Development, Integration, Testing, Deployment, Maintenance, Re-Engineering and**

**Documentation.**

* Excellent programming skills and development experience with **JDK, J2EE, Servlets, JSP, JSF, EJB, Java**

**Beans, JMS, JDBC, J-Unit and Web Services.**

* Strong experience on Application servers like **JBoss, WebLogic, WebSphere** during the development of Enterprise applications.
* Strong experience on web servers like **Apache Tomcat.**
* Experience in client side Technologies such as **HTML, DHTML, CSS, AJAX and JavaScript.**
* Experience on JavaScript framework i.e., **AngularJS.**
* Experience on Test Driven Development using Unit Testing Framework i.e., **JUnit and automated mocking framework.**
* Experience on Behavior Driven Development using **Jasmine and Cucumber with Selenium frameworks.**
* Extensive Experience in using **MVC (Model View Controller)** architecture for developing applications using **JSP, Java Beans, Servlets.**
* Extensive experience in different IDEs like IntelliJ, Eclipse, Net Beans.
* Good experience on Build tools like **Apache Ant, Maven** and knowledge on Gradle.
* Experience on version control tools like **SVN, CVS and GitHub.**
* Extensively used Jenkins for continuous integrations and builds.
* Hands on experience in Struts 1.x and GWT framework
* Good exposure to Java Web Services development using **SOAP, REST, WSDL &UDDI and Spring3.x/4.x.**
* Have good knowledge on **Spring Framework.** Used spring in presentation layer and service layer and integrated with Hibernate in Data Access Layer to achieve ORM persistence.
* Highly Self-motivated and goal oriented team player with strong analytical, debugging and problem solving skills, Strong in object oriented analysis and design. Diversified knowledge and ability to learn new

Technologies quickly.

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| **Technical Skills:** |

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| **Java & J2EE** | **Core Java 1.4/1.5/1.6 - collections, Exception handling, IO, Multi-Threading,JDBC,Generics, Annotations, Applets/Swings, Servlets, JSP, EJB - Session beans, Entity Beans & JMS**. |
| **Web technologies** | **J2EE, HTML, DHTML, CSS, AWS(S3, EB, ECS, Dynamo DB, RedShift, Kinesis) JSP, JSTL, JSF/prime faces, AJAX, Java Script, GWT, DOJO, Struts and Hibernate.** |
| **Web/application Servers** | **Tomcat 5.x/6.x, CSS, WebLogic, WebSphere 8.1** and **JBoss 3.x.x/4.x.x.** |
| **Version Controlling tools** | **CVS, SVN** and **GIT** |
| **Data Bases** | **Oracle, DB2, My SQL - SQL & PL/SQL - Stored procedures, functions, triggers, cursors, sequences etc.** |
| **XML Technologies** | **XML, DTD, XSD, JAXP (DOM & SAX), JAXB and XSLT.** |
| **Web Services** | **JAX-RPC/JAX-WS, Axis2, SOAP, WSDL, UDDI, CXF and JERSEY.** |
| **Design Tools** | **Microsoft Visio** and **Rational Rose**. |
| **Defects Tracking tools** | **JIRA, Bugzilla 3.2.3, HP Quality Center and Rally**. |
| **IDE Tools** | **IntelliJ, Eclipse and Net Beans** |
| **Unit Testing** | **Junit, Mockito** and **Power Mockito.** |
| **Operating Systems** | **Windows** and **UNIX/Linux.** |
| **Build & Other Tools** | **Jenkins, ANT, Maven, Ivy** and **Mule ESB.** |

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| **Education:** |

* Bachelor of Technology in Computer Science and Engineering.

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| **References:** |

* References are furnished upon request.

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| **Professional Experience:** |

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| **Client: Chick-Fil-A, Atlanta, GA**  **Role: Java AWS developer June 2016 to Present** |

**Responsibilities:**

* Involved in design, development and deployment phases of Software Development Life Cycle(SDLC).
* Developed applications like **Tax-Simulator** and **Tax-Audit** for Chick-Fil-A.
* Intensively worked on **AWS EB, EC2** to maintain the applications.
* Used Spring framework for implementing **Dependency Injection, AOP, Spring ORM** to

develop Tax-Simulator application.

* Created **SPLUNK** dashboards for monitoring application logs from **AWS**.
* Designed and developed Controllers, Views and Model components using **Spring Framework.**
* Added additional functionality to applications by alerting the group and BI team whenever a run occurs in Tax-Simulator automatically through email using **AWSSNS**.
* Added Scaling functionality to the applications where it would automatically scale down the instances in Elastic Beanstalk when it’s idle and Scale up when it is about to run.
* Used **Green-Blue** deployments in AWS. Created Python script to run an automated deployment in **AWS**.
* Documented and made changes in the company’s confluence page for the changes I have made.
* Used Docker which implements a high-level API to provide lightweight containers that run processes in isolation.
* Created Cloud watch alarms and logging for the Elastic Beanstalk servers which are associated with the applications so that it could alert whenever there is a change in environment.
* Ran SQL queries as a daily duty to verify if there are any discrepancies in tax calculations.
* Used **SABRIX**tax engine in the applications for calculating the tax calls.
* Used **RUNDECK** which is a job scheduler for adhoc-runs in Tax-Simulator.
* Worked on Jenkins for continuous integration.
* Used AWS Lambda to create roles and triggers which helps in running the application manually when deployed.
* Used **Elastic Beanstalk** Server to deploy Tax-Audit application.
* Used Amazon Redshift and Postgres Databases.
* Created Unit, Integration and Regression tests for the applications which we worked on.
* Used Log4J for logging and tracing the messages.
* Used Check Style in IntelliJ IDE to maintain coding standards.
* Created, optimized graphic websites and application interfaces using **HTML**, **CSS** and **Bootstrap**.
* Providing production support for both Tax-Simulator and Tax-Audit and make changes to the logic if any required.
* Shared my thoughts for design improvement and working process during daily Scrum meets and Sprint meets.
* Involved in high level design, Application design, and development and testing.

**Environment:Java, Spring MVC, API Gateway, Sabrix, Log4J SPLUNK, JUnit, Maven,AWS(S3, ECS, EC2, ELB, EB, Cloud Watch), HTML, CSS, AJAX, JSON, XML JavaScript, JQuery, AngularJS, IntelliJ, GIT, Jenkins, Docker and Rundeck.**

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| **Client: Citi Group, Irving, TX**  **Role: Senior Java developer July 2015 to June 2016** |

**Responsibilities:**

* Designed and developed Controllers, Views and Model components using **spring framework.**
* Involved in high level design, Application design, and development and testing.
* Implement and Evangelize the use of GWT/Smart GWT for building or re-writing applications that support CITI Back Office Futures Operations.
* Involved in writing java API for Amazon Lambda to manage some of the AWS services.
* Got exposure to build and deploy the changes in production environment by executing the build script and deploying the compiled GWT client side code and server side code to production server.
* Consumed the Web Services to retrieve data from different modules using **spring** with RESTful web service.
* ORM tool Hibernate to represent entities and fetching strategies for optimization.
* Configured Hibernate's mapping files and configuration files to achieve persistence with **RDBMS.**
* Experience in Integration of Amazon Web Services (AWS) with other applications infrastructure.
* Integrated the application with **Spring Quartz Scheduler framework** for triggering Offline Processing jobs.
* Object storage service Amazon S3 is used to store and retrieve media files such as images and Amazon Cloud Watch is used to monitor the application and to store the logging information.
* Involved in writing java API for Amazon Lambda to manage some of the AWS services.
* Developed Web services for sending and receiving data from different services and modules using RESTful web service with **JAX-RS** using jersey.
* Responsible for implementing the transaction management in the application by applying **Spring AOP methodology.**
* Created JSON parser and used parser in GWT HTTP Request to send GET, PUT, POST, DELETE requests along with JSON data to Spring MVC controller and getting response as JSON data back.
* Convert existing legacy Swing Fx Trading screens into FX Sales portal using GWT Toolkit.
* Used **AngularJS framework** on client side and integrated with **Spring framework**.
* Used **Maven build tool** to build the project.
* Used **JUnit framework** for unit testing of application and Log4j 1.2 to capture the log that includes runtime exceptions.
* Created Buckets in AWS and stored files. Enabled Versioning and security for files stored.
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud.
* Created Development Environments in Amazon Web Services using services like VPC, ELB, EC2 and RDS instances
* Wrote automated JUnit test cases using framework like **Mockito** and **spring tests.**
* Create jobs for continuous integration and deployment using Jenkins.
* Implemented the AWS Kinesis Trusted Advisor to provision resources and improve performance, reliability and security issues.
* I have worked on agile **environment** uses incremental approach and also have daily standup meetings.
* Involved in end to end development and bug fixing.
* Responsible for analyzing, designing, implementing, testing, and maintaining relationships in theenvironment.
* Used SVN for version control and used **Eclipse** with **STS** as the IDE for developing the application.

**Environment:JDK 1.7, Hibernate 3.5, spring 3.2,Struts, JUnit, Maven, GWT, Web Service, HTML, CSS, AJAX, JSON, XML JavaScript, JQuery, AngularJS, Eclipse, SVN, Jenkins, AWS, JBoss server.**

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| **Client: Humana - Louisville, KY**  **Role: Senior Java developer September 2014 to June 2015** |

**Responsibilities:**

* Designed and developed Controllers and View components using **spring framework.**
* Involved in high level design, Application design, and development and testing.
* Used **Spring framework** for implementing **Dependency Injection, AOP, Spring ORM.**
* Consume the Web Services to retrieve data from different applications using **SOAP protocol** and **Spring RESTful web service.**
* Involved in implementing MVC (Model View Controller) framework using GWT, Struts and Spring Framework.
* Generated GWT classes and provided front-end functionality using GWT libraries.
* Designed and developed UI using GWT (Google Window Toolkit)
* Involved in end to end development and bug fixing.
* Generated Lambda Functions to trigger an event that occurs in S3, Code Commit as a Version control service, AWS CloudWatch.
* Used **Maven** to build and deploy the application on **JBoss server.**
* Configured Hibernate's mapping files and configuration file to achieve persistence with **RDBMS.**
* Used **JUnit framework** for unit testing of application and Log4j 1.2 to capture the log that includes runtime exceptions.
* JUnit was used for unit testing and **implementing Test Driven Development (TDD) methodology.**
* Developed Web services for sending and getting data from different applications using **RESTful web service with JAX-RS using jersey.**
* Responsible for implementing the transaction management in the application by applying **Spring AOP methodology.**
* Used Jenkins for continuous integration and artifact deployments in the QA environments.
* Responsible for analyzing, designing, implementing, testing, and maintaining all EDI processes and relationships in the environment.
* Used **SVN** for version control and used **Eclipse** with **STS** as the **IDE** for developing the application.
* **ORM tool Hibernate** to represent entities and fetching strategies for optimization.
* Written Oracle Stored Procedures and Functions for the application.

**Environment: JDK 1.7, AWS, Hibernate 3.5, spring 3.2, GWT Framework, JUnit, Maven, Web Service, HTML, JQuery, Eclipse, SVN, Jenkins, JBoss server.**

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| **Client: Wellmark BCBS - Des Moines, IA**  **Role: Java developer October 2013 to August 2014** |

**Responsibilities:**

* Designed and developed Action and Action Form classes using **struts framework.**
* Involved in high level design, Application design and development and testing.
* Developed front end application using **(Model, View, Controller) framework.**
* Developed business logic using **Core java** and **Spring MVC 3.0** for processing the front-end request.
* Used **spring frameworks** to auto wire/inject components and also configure the batch jobs.
* Consume the Web Services to retrieve data from different applications using **REST protocol.**
* Involved in critical business logic analysis.
* Involved in end to end development and bug fixing.
* Used **Maven** to build and deploy the application on **JBoss server.**
* Used **PL/SQL developer** for writing the queries.
* Configured Hibernate's second level cache using EHCache to reduce the number of hits to the configuration table data.
* Used **JUnit framework** for unit testing of application and Log4j 1.2 to capture the log that includes runtime exceptions.
* Created UI for application using GWT UI-Binder.
* Used **JAX-RPC** Web Services using **SOAP** to process the application for the customer.
* Developed Web services for sending and getting data from different applications using **SOAP1.1.**
* Used **SVN** for version control and used eclipse as the IDE for developing the application.
* Used **oracle11g** as backend database using Windows OS. Involved in development of Stored Procedures.
* Supported Testing Teams and involved in defect meetings.
* Used **Spring framework** for implementing **Dependency Injection, AOP, Spring ORM.**
* ORM tool Hibernate 3 to represent entities and to maintain persistence with **RDBMS.**

**Environment:JDK 1.7, Oracle 11g, Struts 1.3, Hibernate 3.5, GWT, spring 3.2, JUnit, Maven, Web Service, HTML, JQuery, SVN and JBoss.**

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| **Client: Exafort - Santa Clara, CA**  **Role: Java developer December 2012 to September 2013** |

**Responsibilities:**

* Designed and developed Controllers, Form Bean classes using **spring framework.**
* Involved in developing **UML** Use case diagrams, Class diagrams, and Sequence diagrams using Rational Rose.
* Developed front end modules using **JAVA, JSP and Servlets.**
* Integrated with Web Methods via web services.
* Used **SQL Server** as the backend database using **UNIX OS**. Involved in design of the database schema and development of Stored Procedures.
* Worked on **jQuery** for user interface interactions, effects and themes built on top of the **jQuery, JavaScript**.
* Developed web application using **JSF Framework** that uses **Model View Controller (MVC)** architecture with **JSP** as the view.
* I have worked on **agile environment** uses incremental approach and also have daily standup meetings.
* Consumed web services from different applications within the network.
* Worked on Enterprise JavaBeans is service -side model that encapsulate the business logic of an application.
* Developed **Hibernate** 3.0 in Data Access Layer to access and update information in the database.
* Used **Spring 3.0 Framework** for Dependency injection and integrated with Hibernate.
* Used Spring Web flow to manage complex page flows.
* Designed and developed Utility Class that consumed the messages from the Java message Queue and generated emails to be sent to the customers. Used Java Mail API for sending emails.
* Used **Maven** build tool to build and deploy the application on **WebSphere 7.0.**
* Used **JUnit framework** for unit testing of application and Log4j 1.2 to capture the log that includes runtime exceptions.
* Used **SVN** for version control and used Eclipse as the IDE for implementing the application.

**Environment:JDK 1.5, MY SQL, Spring3.1, Hibernate 3.5, JUnit, Maven, Web Service, HTML, jQuery, SVN, Eclipse, CSS, JNDI, JAX-WS, XML, XSL, XSLT, SQLYog, SOLR, WebSphere 7.0.**

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| **Client: Tietronix Software - Houston, TX**  **Role: Java developer September 2011 to November 2012** |

through this application.

**Responsibilities:**

* Designed and developed views, controller and model components using **Spring MVC/ Spring web flow-JSF.**
* Used **J2EE** design patterns like Value Object Pattern, **MVC, Spring Rest API, Singleton Pattern and DAO.**
* Worked in new development, enhancements and bug fixings.
* Organized **Spring** Beans and Java packages to separate business services, persistence, and presentation layers, and to ease maintenance and promote database flexibility.
* Involved in the development of **HTML pages**, JSPs for different User Interfaces used **JSP tag** libraries for creating complex web pages.
* Implemented associations among various entities, configuring the **XML mapping** for the defined entities with the corresponding classes.
* Creating logs for error tracking using **Log4J.**
* Used XML for developing deployment descriptors, **hibernate** mapping files.
* Used **core java** extensively with **Collections.**
* Used **Spring framework** to develop business logic components.
* Deployment and Configuration of Application in WebLogic Application Server.
* Used **Hibernate** to develop **DAO code.**
* Written **SQL, PL/SQL** and stored procedures as part of database interaction.
* Developed **JMS** as a client interface as a Message producer for Message queue.
* Extensive manual and unit testing experience in multiple projects.
* Developed **JUnit** Test Cases.
* Involved in building and deploying scripts using Maven to generate **WAR, EAR and JAR files.**

**Environment:Java/J2EE, Eclipse, Web sphere, Oracle, PL/SQL, Hibernate, Spring, Spring web flow, HTML/DHTML/CSS, Java Beans, JMS, WebLogic, Maven, Subversion, CVS, Junit, XML, Log4J.**

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| **Client: Vaasum Softtech Pvt. Ltd - Hyderabad, Andhra Pradesh**  **Role: Java developer January 2009 to August 2011** |

**Responsibilities:**

* Developed application using **JSF framework** that leverages classical **MVC architecture.**
* Generated **UML** artifacts such as use cases, sequence diagrams, class diagrams using Rational Application Developer.
* Developed the workflow interfaces using **JSPs, CSS,** Backing and **JSF beans framework.**
* Worked on **jQuery** for user interface interactions, effects and themes built on top of the **jQuery** and **Java Scripts**.
* Created topics, queues and MDB's for communication using **JMS/IBM MQ Series.**
* Used **JAX-RPC** Web Services using SOAP to process the application for the customer.
* Developed the application using **JSF Framework** that uses **Model View Controller (MVC)** architecture with **JSP** as the view.
* Worked on Enterprise **JavaBeans** is service -side model that encapsulate the business logic of an application.
* Writing automated JUnit test cases using framework like **Mockito and spring tests.** And, Message Driven Beans to send emails notifications.
* Configured and maintained the **Spring Application Framework's** IOC container.
* Developed Tables, **Indexes** and **Triggers** for the database using **TOAD.**
* Configured the connection pools and security for the server.
* Used **JUnit** to perform unit testing.
* Developed the application using **Eclipse.**
* Deployed the application on **JBoss.**
* Developed the application using Rational Application Developer.
* Supported Testing Teams and involved in defect meetings.

**Environment:JDK 1.5, JSF, AJAX, Oracle 11g, EJB, Hibernate, Spring, Oracle application server, Toad for connecting to oracle, JDeveloper, Eclipse, Web Service, JBoss.**