**Aaron Vegendla**

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**Professional Summary:**

* Around 8+ years of experience in designing, implementing and deploying commercial Enterprise Applications for Multi-tiered-distributed software products and distributed applications using Java/J2EE technologies
* Excellent experience in developing secure Web applications and server-side development using Hibernate 3.0/4.0, JSF, JNDI, Spring 3.0/4.0, JSTL, Struts, EJB 2.0/3.0, JMS, XML and XSLT.
* Used Spring Core Annotations for Dependency Injection Spring DI and **Spring MVC** for REST API.
* Strong hands-on experience with **Spring Batch**, **Spring IO**, **Spring Boot** with Microservices.
* Experiance working with NOSql databases like **Couchbase server** and MongoDb.
* Experience in building Microservices with the help of Spring Boot and developed Spring based applications with very less configuration.
* Experience in Client-side Technologies such as **HTML5/4, CSS3/CSS, Bootstrap, JavaScript**, and **Angular JS**.
* Experience in the design and development of **SOAP** and **RESTful webservices** and integrating with the existing applications.
* Experience integrating with varied applications using **Apache Camel**.
* Experience in database design and development using PL/SQL, Stored Procedures, Functions and Triggers.
* Experienced in using build tools such as **ANT, Maven** and **Gradle**.
* Experienced in different software development methodologies like **Water Fall Model** and **Agile Methodology**.
* Experience with version control tools like **SubVersion, CVS and GIT**.
* Good team player with strong work ethics and a quick learner with positive attitude.

**Education:**

Bachelor of Technology in Computer Science.

**Technical Skills:**

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| **Domain** | **Technologies Used** |
| Programming Languages: | Java 1.8, 1.7, 1.6, C, C++ |
| JAVA Enterprise  Technologies: | JDBC 3.0/2.0, Servlets 2.5/2.4, Spring Core,Spring JDBC, Spring Boot,Spring Batch, SOAP and RESTful Web Services, JPA, Hibernate 4.2. |
| Front End (Web): | HTML, XML, JSON, CSS, JSP 2.2/2.1, JSTL 1.2, Bootstrap, JavaScript, |
| JavaScript: | Angular JS4.x/2.x/1.x, Node JS |
| Frameworks: | Struts 2.0, JSF 3.0, Spring 3.x/2.x, Apache Camel |
| Application Servers: | JBoss7.x/5.x, WebLogic 10.0/9.0/8.1/7.0, Tomcat 7,6, WebSphere 8.5 |
| Databases: | Oracle 12c/11g/10g/9i, MySQL5.0,4.1, |
| Build Tools: | Maven 3.0, ANT, GRADLE |
| Operating Systems | Windows 10/8/7/NT/XP/2000/98, Unix, Linux |
| Design Patterns: | Business Delegate, Front Controller, Singleton, Observer, DTO, DAO, MVC, Factory, Abstract Factory |
| Design Methodologies: | Agile, Scrum, Test Driven, Waterfall |
| IDEs: | Eclipse, Intellij |
| Tools: | Junit 4.x, TestNG, Mockito |

**Work Experience:**

**American Express–Phoenix, AZ oct 2018 – Present**

**Java Backend Developer**

MLE(Merchant List Exchange) used for creating list of merchants based on the characteristics and criterias defined from the upstream data and send the list to the downstreams for conducting campaigns for the Amex. We are migrating the data which is stored in DB2 before to the Couchbase which is Nosql database.

**Responsibilities:**

* Involved in Analysis, Design, Development, UAT and Production phases of the application.’
* Implemented the project as a multi-tier application using **Spring MVC**, **Spring Boot**, **Microservices** & used core Spring concepts like **MVC, AOP, IOC**.
* Developed the presentation layer **using JSP’s, CSS, AJAX, HTML and Java Script.**
* Migrating Db2 to couchbase as a part of this migration using apache camel as orchestrator to segregate data to all the microservices.
* Using **Swagger** to document all webservices.
* Developed **Spring Batch** processing java application to read different file formats which feeds to the database.
* Using Eventing to trigger backend database system as a part of Couchbase Migration
* Used Intelliji for building its syntax tree, creating references between classes, variables, fields, methods, and their usages, analyzing the execution flow.
* Used Intelliji as a development/IDE tool for the entire project.
* Participated in JAD sessions gathering along with the Business Analysts.
* Handled the requirements, code and test walkthroughs
* Documented use cases, functional requirements based on the A&D using RUP and UML.
* Developed XSLT files for transforming the XML response from the web service into HTML as per the business requirements
* Used REST API, HTTP requests and implemented JSON format for data exchange for communication of microservices with one another.
* Developed the Persistence Layer using Hibernate.
* Used Business Delegate, Singleton, Front Controller, Factory and DAO design patterns and Used session beans to expose the application for the use by the third party users.
* Wrote **CRON Jobs** to schedule the daily scripts
* Involved in performance tuning of application and environment for optimized performance during month end load using JProbe.
* Used Jenkins for continuous integration, Github for version management & Maven for building the application in the cloud leveraging AWS API’s.
* Implemented logger for debugging using **Slf4J**
* Served as POC for on call support in the production team on a rotation basis and Done some POCs on Spring Retry.

**Environment:** JDK 1.7/1.8, J2EE, Core Java,JavaScript, JSON, Maven 3.0, Spring 4.x,Spring boot,JPA, JDBC,Jenkins, Apache Tomcat 8,Apache Camel, Active MQ, Git,Eclipse IDE, Junit,Linux, Windows.

**UL Transaction and Security–Atlanta, GA Feb 2018 – Sept 2018**

**Full Stack Java Developer**

Amex Test System(ATS) is a self test platform(STP), it was originally built with the idea to be the certification platform and was used to certify terminals and merchants and processor systems.Its primary focus is to certify devices on the payment flow. ATS has two major components Web application and host simulator. Host simulator has authorizations and file processing.

**Responsibilities:**

* Involved in Requirements gathering, Designing, Coding, Unit testing and Integration Testing phases of the project.
* Responsible for design and development of UI screens for the application using **HTML5, JavaScript, AngularJS, jQuery.**
* Implemented **RESTful** webservices to make rest calls from client to server.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC).
* Used **Spring JDBC and Spring Hibernate** to manage Data Access with DAO design pattern.
* Used Spring Boot and developedtheapplication as microservices.
* All the functionality is implemented using **Spring IO** / **Spring Boot**and **Hibernate ORM**. Implemented Java EE components using **Spring MVC, Spring IOC, Spring transactions** and Spring security modules.
* Implemented the Project structure based on **Spring MVC** pattern using **spring boot**.
* Developed **Spring Batch** processing java application to read different file formats which feeds to the database.
* Implemented **JMS** using Spring JMS module to communicate with queues.
* Created builds using Maven and pulled the project code from GitHub repositories.
* Used **Jenkins** as CI tool.
* Wrote Stored Procedures and complex queries in Oracle 12g database.
* Developed integration modules for disparate clients using **Apache Camel.**
* Integrated configured Camel with ActiveMQ to use it as bus.
* Deployed in Linux environment and used Tomcat as application server, UNIX shell scripts for data migration and batch processing.
* Developed test cases using **Junit**, **TestNG** and created stubs using **JMockito** framework.
* Performed server migration using cloud services like AWS from physical to cloud environment.
* Implemented the project in Agile methodology & participated actively in daily standup calls.
* Served as POC for on call support in the production team on a rotation basis.

**Environment:** JDK 1.7/1.8, J2EE, Core Java, HTML5, CSS3,JavaScript, Angular JS 2.0, jQuery 2.0, JSON, Maven 3.0, Spring 4.x,Spring boot,JPA, JDBC,Jenkins, Apache Tomcat 8,Apache Camel, Active MQ, Git,Eclipse IDE, Junit,Linux, Windows.

**AT & T - Dallas, TX Apr 2016 – Jan 2018**

**Full Stack Java Developer**

COS is a web based application where customers can access or check their order status information for orders placed through all AT&T sales channels such as Online, IVR, and Call Centres on orders placed in the past 30 days. COS has different type of orders like New Order, Change Order, Account update order and Disconnect the order. It mainly caters to the AT&T services.

**Responsibilities:**

* Involved in Analysis, Design, Development, UAT and Production phases of the application.
* Participated in JAD sessions gathering along with the Business Analysts.
* Designed application modules, base classes and utility classes using Core Java.
* Implemented the project as a multi-tier application using Spring MVC & used core Spring concepts like AOP, IOC.
* New library development with micro services architecture using Rest APIs, spring boot.
* Expertise in Core Java with strong understanding and working knowledge of Object Oriented Concepts like Collections, Multi-Threading, Concurrency framework.
* Implemented a SOA compliant system working on various transactional messaging using Camel and used Session Beans Message Driven Beans.
* Coded various business process methods required for creation of Web Services related to customer information and provider information, using JAX-WS, SOAP, WSDL and JAX-RS, REST web services.
* Implemented Hibernate for data persistence and management.
* Integrated Spring with Hibernate as the data abstraction to interact with the databases.
* Implemented Singleton, Factory, DAO design Patterns based on the application requirements.
* Consumed and built web services in SOAP, REST supporting both XML and JSON by taking advantage of Spring technologies.
* Developed the Presentation layer using HTML 5, JavaScript, and used AJAX/ jQuery based rich UI for improved customer experience.
* Developed single page application by using Angular JS.
* Developed Session Beans to process user requests and to load and store information from database
* Used Maven build tool and deployed into IBM Web Sphere 8.5 Application Server.
* Used GIT for version control and Jenkins used for continuous integration.
* Wrote Stored Procedures and complex queries in Oracle 11g database.
* Designed and developed JUnit test cases during the development phase.
* Implemented the project using agile-scrum methodologies.
* Served as POC for on call support in the production team on a rotation basis.

**Environment:**Java 1.6, SOAP, Spring 3.0, RESTful Web Services, Hibernate 4.0, Jenkins, AngularJS 1.0,AJAX, Servlets 3.0, HTML5, CSS3, Node JS, JavaScript, CSS3, jQuery 2.0, JSON, JMS,Apache Camel, JMS, WebSphere 8.5, Agile, JMS,Eclipse, JUnit 4.4, Windows OS, Unix.

**ICICI Bank - Hyderabad, India Sep 2013 – Dec 2015**

**Java Developer**

Corporate e-Banking is an internet based solution that can provide corporate clients with the facility to setup and manage their banking instructions. It provides the bank with the facilities to manage multiple users, user groups and their access profiles and roles. The system enables key banking processes including Cash Management, Balance and Transaction Reporting, Corporate Information. It is based on the E-Commerce platform and empowers the bank to harness the tremendous potential of the internet and internet technologies.

**Responsibilities:**

* Involved in prototyping, proof of concept, design, Interface Implementation, testing and maintenance.
* Designed and developed front view components using HTML and JSP.
* Developed Interactive web pages using AJAX and JavaScript.
* Developed UI navigation using Struts MVC architecture (JSP, JSF, tiles, JSTL, Custom Tags).
* Created services for various modules like Account (CD/Checking/Savings) Creation and Maintenance using Struts framework.
* Developed reusable utility classes in core java for validation which are used across all modules.
* Developed Java classes for implementing Business logics using EJB 3.0(Stateless session, entity, message driven beans).
* Used JNDI to support transparent access to distribute/d components, directories and services.
* Provided data persistence via Hibernate for CRUD operations in the application.
* Configured and tested the application with database server Oracle 10g.
* Used Oracle, server databases as backend applications and generated queries using Toad.
* Deployed and tested the application with servers Tomcat.
* CVS was used for the version control.
* Responsible for writing JUnit test cases and Peer level testing.
* Involved in bug fixing using Jira.
* Involved in developing various reusable Helper and Utility classes using Core Java, which are being used across all the modules of the application.

**Environment:**Java 1.4 HTML 4, JavaScript, JSP 2.2, JSTL 1.2, Struts 2.0,EJB 3.0,Hibernate 3.0, JNDI, XML, AJAX, SOAP, WSDL, UML, Shell Scripting, JUnit, log4j, JMS, Apache Tomcat 6.0, JBoss5.0, Oracle 10g Database, Toad,CVS, Eclipse,Windows NT, Unix/Linux.