**NIVETHA VENKADASAMY**

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**SUMMARY**

Passionate Software Engineer with 10 years in the IT industry with a focus on Web Application Development using Java/J2EE Technologies.



Excellent programming skills in **Java and J2EE technology, including Servlets, JSP, XML,**



**JAXB (Java Architecture for XML Binding), JAX-WS, Struts, Spring MVC, Spring (IOC, AOP, DAO and Security), Hibernate, JPA, and JDBC.**

Strong experience in building batch applications using **Spring Batch** Good Experience with Java build automation using **Ant/Gradle**.

Excellent working experience in **SSIS** tools, as well as creating **SQL/DB2 Stored Procedures** Experience working with different SDLC methodologies - **Waterfall and Agile** (TDD, SCRUM). Excellent analytical and communication skills with ability to communicate effectively with individuals of all backgrounds and across all levels of an organization



Flexible team leader, with strong decision-making, goal setting and problem solving skills. Successfully managed and completed numerous projects under high pressure and stringent timelines



Results-oriented leader, able to quickly assess and utilize the appropriate response to meet the specific needs of the business requirement at hand.



Seeking to utilize my experience and exceptional work ethic on challenging projects, while using cutting edge technologies to assist an organization with achieving its full potential



Thrive in challenging, fast-paced environments that require strong focus and communication, personal tact, and exemplary team building skills.



**TECHNICAL SKILLS**

Languages: J2EE, SQL

Web Technologies: HTML, CSS, JavaScript, JSP, FTL, JQuery, AJAX, XML

Frameworks: Struts 2, Spring 3.0(Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring Batch)

Web Services: JAX RPC, JAXB, JAX-WS, SOAP, WSDL, JAX-RS

App Servers/ Middleware: WebSphere 7.0, Tomcat 8.0, WebLogic 10.3.6

IDE / Programming Tools: Eclipse, Spring Tool Suite, IBM Rational Application Developer

Reporting Tools: Crystal Reports 2008

Scripting Language: HTML, JavaScript, JQuery and Angular JS

Database/Tools: JDBC, MS SQL Server, IBM DB2

Cloud Technologies: AWS, EC2, S3, DynamoDB, Elastic Beanstalk Libraries and Tools: Ant, Gradle, Junit

Functional Domain: Healthcare, Insurance



**PROFESSIONAL EXPERIENCE:**

**Lead Java Developer/Onsite Coordinator**

**TIAA**, Charlotte, NC

Sep 2013 - Current

**PlanFocus**

TIAA-CREF is a leading retirement provider for people who work in academic, research, medical and cultural fields. PlanFocus is a website for retirement plan sponsors. The site helps plan sponsors and consultants manage and optimize plans, drive outcomes and engage employees.

Comprehensive plan analytics with multi-dimensional data filtering and reporting capabilities provide plan sponsors with access to detailed plan participant information. Plan sponsors receive clear direction to better manage plans, in addition to the tools and resources to help them understand their fiduciary duties and responsibilities.

DALBAR, a financial services market research firm, has recognized PlanFocus as a leading retirement plan sponsor website.

**Responsibilities:**

Project execution is in Agile mode with a 3 week Sprint.



Participate in requirement analysis, high and low level design, coding, code review, testing and implementation for each sprint.



Design, develop and implement end-to-end solution on converting backend database consumption of the entire application from Endeca to Hadoop (Hbase/Solr/Impala) for which the work spanned across a year.



Mentored and maintained a team of 5 offshore developers and coordinate with them to develop new modules/enhance existing modules using **Spring Web Flow/FTL with ATOM Framework**



**(Internal Framework).**

Maintain version control of the code and documents using **Rational Tool Concert/Gitlab/Rational** **Requirements Composer**.

Perform troubleshooting and programming analysis of system issues, including identification and resolution of customer identified incidents.



Perform code coverage using SONAR and writing test cases using **SPOCK/CRAFT (Internal test** **case writing tools) and JUnit**.



**Sr Java Developer**

**Alfa Insurance**, Montgomery, AL

Jan 2013 - Aug 2013

**Internet Auto Quoting**

Alfa Insurance’s current business model for sales and service is through captive and independent exclusive agents, who are supported by customer service representatives. Alfa embarked upon the idea of an Internet strategy to create an online channel and enhance their current sales and service model. Online Quote Generation implementation for prospective ALFA customers will provide a quote to new as well as existing customers for an insurance plan. This would enable them in making informed decision towards choosing the right insurance policy. By implementing the Online Quote & Bind project, ALFA will be opening a new Sales Channel - the Direct Sales Channel which would work in conjunction with their existing Sales Channels to increase their New Business market share. The project deals with building a world wide Web User Interface to their existing EXCCED Policy Issuance and Administration System.

**Responsibilities:**

Participate in all the phases of SDLC.



Perform requirement analysis, high and low level design, coding, testing and implementation.



Participate in the client meetings at all the stages of the project. Work with Star Team Administrator and DBA to setup the development/ system/ production environments.



Coordinate with offshore and develop each component Web services using JAX-WS and deploying them to Weblogic Servers. Maintain version control of the code and documents using Star Team.



·Technologies used in the project are **WebLogic** Portal **Server 10.3**, **JSF 1.1**, **EJB 3.0**, **Java** **WebServices**, **XMLBeans**, **JNDI**. **Test Web services** using **SOAP** protocol by generating **Java** Clientproxy.



Test Script Preparation, Test Execution and Unit testing and Test Reports. Prioritize work and review all deliverables. Provide **UAT support** by resolving tickets raised by **UAT team**. Involve in performance improvement activities of the application using **JProfiler.**



Perform troubleshooting and programming analysis of system issues, including identification and resolution of security related events.



**Onsite Developer**

**Aetna Inc**, Minneapolis, MN

Mar 2012 - Dec 2012

**NDC Label Name Inquiry Service V2.0**

Assists medical caseworkers with accurate drug names based upon NDC codes from prescriptions filled by the member. While they have access to this information from a First Data Bank feed, the team requires the Label Names as provided by Medi-Span for better research with clients. This service returns information housed in the Drug Master tables, which are loaded from files purchased from Medi-Span. This information is updated from Medi-Span provided data daily. The information for this service is sourced from RxBoR, the new Aetna application in support of the CVS Migration.

**Responsibilities:**

Participate in all the phases of SDLC. Perform requirement analysis, high and low level design, coding, testing and implementation.



Collaborate with ClearCase/Web Engineering support team to setup the environment in all the regions - Development/QA/Prod.



Maintain version control of all configurable items (code modules and documents) using **ClearCase**.



Design and develop Web services using **JAX-RPC** Runtime and deployment into the server.



Design, develop and deploy **Java Stored Procedures** for fetching data from RxBoR database.



Test Web services using **SOAP** protocol by generating **Java Client proxy**.



Test Script Preparation, Test Execution and Unit testing and Test Reports.



Prioritize work and review all deliverables.



Provide UAT support and implementation support.



Provide ad hoc support for service consumers.



Act as **SME** in migrating extensive **Java Web service** Application to Production environment.



Participate in performance improvement activities, identify and apply potential improvements related to the environment and application.



Perform troubleshooting and programming analysis of system issues, including identification and resolution of security related events.



**Onsite Developer**

**Pharmacy Drug Price Inquiry Service (Jun ‘12 - Dec ‘12)**

Developed to address changes needed in Aetna’s adjudication systems (ACAS and HMO Claim) to utilize the NDC Unit of Measure information for claim pricing purposes. Service will convert the incoming units based on the qualifier submitted (837 I/P NDC UOM Billed) to the NDC Package UOM as per NCPDP Standards. The incoming qualifier will be one of the five new units of measure (ML, ME,GR,F2,UN)

which will be provided through the Pharmacy Drug Price Inquiry Service. This service is consumed by ACAS/medical and HMO claims

**Responsibilities:**

Participate in all the phases of SDLC.



Perform requirement analysis, high and low level design, coding, testing and implementation. Collaborate with ClearCase/Web Engineering support team to setup the environment in all 3 regions - Development/QA/Prod.



Maintain version control of all configurable items (code modules and documents) using ClearCase. Design and develop Web services using **JAX-RPC** Runtime and deployment into the server. Design and develop Java Stored Procedures for fetching data from RxBoR database

Deploy **Java Stored Procedures** to **DB2 Servers** using **Rational ClearCase**.



Test **Web services** using **SOAP protocol** by generating **Java Client proxy**. **Test Script Preparation**, **Test Execution** and **Unit testing** and **Test Reports**.

Prioritize work and review all deliverables. Provide **UAT** support and implementation support. Provide ad hoc support for the service consumers. Acted as **SME** in migrating extensive **Java Web** **Service** Application to Production environment.

Participate in performance improvement activities, identify and apply potential improvements related to the environment and application. Perform troubleshooting and programming analysis of system issues, including identification and resolution of security related events.



**Onsite Developer**

**Pharmacy EJB Service (Jul ‘12 - Dec ‘12)**

The purpose of the application is to fetch Claim and Pharmacy benefit details of members from the legacy APMCAS database. This project involved **migration of the application from WAS 6.1 to WAS 7** **servers**.

**Responsibilities:**

Collaborate with ClearCase/Web Engineering support team to setup the environment in all the THREE regions - Development/QA/Prod in **WAS 7.0** servers.

Maintain version control of all configurable items using ClearCase.



Test Script Preparation, Test Execution and Unit testing and Test Reports. Prioritize work and review all deliverables. Provide UAT support and implementation support. Provided ad hoc support for the service consumers.



Troubleshoot and analyze system issues including identification and resolution of security related events.



**Onsite Developer**

**Pharmacy Claim Inquiry Service V1.2 & V2.0 (Jun ‘12 - Dec ‘12)**

The Pharmacy Claim Inquiry service provides internal and external claim information for the given member from RxBoR database. This service is developed for the consumer applications - ATV, ACAS, Navigator, CATS and ASD as a replacement to the older APMCAS database. This service had five operations. For one of the existing consumer ATV application, a new version of the service version 2 was developed to pull additional claim details in all operations.

**Responsibilities:**

Collaborate with ClearCase/Web Engineering support team to setup the environment in all THREE regions, Development/QA/Prod. Maintain version control of all configurable items using **ClearCase**

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Participate in all the phases of SDLC - Requirement analysis, high and low level design, coding, testing and Implementation.



Design and develop Web service using **JAX-RPC** runtime and deploy to servers. Develop Java Stored **Procedures in DB2** and deploy to DB2 servers via ClearCase.

Test Script Preparation, Test Execution and Unit testing and Test Reports. Prioritize work and review all deliverables. Provide UAT support and implementation support. Provide ad hoc support for the service consumers.



Perform troubleshooting and analysis of application issues and appropriate resolution.



**Onsite Developer**

**Pharmacy SBC Benefits Extract (Oct ‘12 - Dec ‘12)**

Pharmacy SBC Benefits Extract came from Xerox Vendor of Aetna to extract pharmacy benefits of members from APMCAS database on ad hoc basis. To automate extraction process, a tool was developed in Java Applets, which will prevent the input file in Excel format having the required member information (excel shared by Xerox). Required benefits will be extracted from the database and the result was given in Excel. This ultimately reduced the overall time taken for extracting the data from database by the tool when compared to the manual extraction, thus saving time and cost.

**Responsibilities:**

Perform requirement analysis, design, coding, testing and implementation.



Design and develop the tool using Java applets.



Perform Unit and Integration Testing.



Provide ad hoc support for the vendor to extract required data from database. Enhanced tool to accept csv, xlsx file formats too.



**Onsite Developer**

**Medicare Drug Coverage Inquiry V2.0 (Nov ‘12 - Dec ‘12)**

Medicare Drug Coverage Inquiry Service V2 returns the Medicare Part D coverage information based on the GPI and NDC. CATS application is expected to determine whether to include/exclude the Medicare Part D Complaints/Appeals associated with drugs in different coverage categories on the CMS report. For that, a new operation, get Medicare Coverage by GPI was created as part of this project. The get Medicare Drug Coverage By NDC operation is an existing one and was consumed by aetnapharmacist.com but is no longer used. Both operations are upgraded to a newer version 2 as part of this project.

**Responsibilities:**

Participate in requirements gathering sessions and meetings. Participate in all SDLC phases, Requirement analysis, design, coding, testing and implementation.



Maintain version control of all software configuration items in ClearCase.



Collaborated with ClearCase/Web Engineering support team to set up the environment in DEV/QA/PROD.



Design and develop Web service using JAX-RPC runtime and deploy to servers.



Test Script Preparation and Execution, Test Results Summary Preparation.



Provide UAT Support and implementation support. Provide ad hoc support for the consumer.



**Offshore Team Lead**

**Aetna Inc**, Chennai, INDIA

Jun 2011 - Mar 2012

**FB Engagement in Random Audit**

New application developed to perform end-to-end audit process of Postpaid HMO claims. Purpose of the application is to schedule and perform random audits on postpaid HMO claims to calculate claim processor accuracy. Benefit is to identify, analyze and report a trend on processor accuracy, which in turn can be used to improve processor efficiency. Additionally, processor accuracy acts as a performance gauge.

**Responsibilities:**

Participated in all the phases of SDLC. Performed requirement analysis, high and low level design, coding, testing and implementation.



Collaborated with Onsite and ClearCase/Web Engineering support team to setup the environment in all THREE regions - Development/QA/Prod.



Acted as single point of contact at Offshore for all ClearCase and Web Engineering related issues.



Acted as Offshore POC to obtain appropriate response from business/onsite for the clarifications



Acted as a technical Development lead for developers working on application with Struts and Spring Java Framework.



Designed and developed web components using **Spring 3.0** framework.



Designed Database schema and developed **SQL stored procedures** which was consumed in all layers - web, reports and batch.



Designed and developed **SSIS batch using MS Visual Studio 2008**



Designed and developed Reports using **Crystal Reports 2008** and deployed to **Business Objects** **Server XI**.

Designed and developed Custom Control, Logging utility using Custom trace listener, Thread pool, SQL Server, and global User interface components using third party tools as a wrapper to Aetna enterprise framework.



Participated in testing custom Web parts and integration testing.



Played a vital role as Migration Coordinator for Java UI Web app, Database in Development, QA, UAT and Production environment configurations and Support QA migrations.



Maintained version control of all configurable items using ClearCase.



Obtained profound knowledge in Aetna business critical projects such as Logging Service, AEFW for Java, RBAC, LDAP and updating supports to handle upcoming projects.



Participated in performance improvement activities, identified and applied potential improvements related to the environment and the application.



Performed trouble-shooting and programming analysis of system issues, including identification and resolution of security related events.



**Offshore Team Lead**

**Aetna Inc**

Feb 2011 - May 2011

**PD Services**

Producer Portal SG is one of a series of projects that will provide links in Producer World to Benefitfocus products. Functionality includes: eEnrollment application; eBilling application; eSales application; Manage User Access - Producer World Registration/ Self Service Support has current functionality that supports Producer user registration and access maintenance. This functionality provides external users the ability to self-register following successful License and Appointment, and to register other Producer users as well as maintain user access rights; The development of the Manage User Access functionality will move the burden of maintaining Producer access to BF applications to the Producers’ Firm; To support the above functionalities, five Web services were developed.

**Responsibilities:**

Participated in different phases of Aetna SDLC process. Performed requirement analysis, coding, testing and implementation.



Collaborated with Onsite team coordinator to setup the environment in all THREE regions, Development/QA/Prod.



Maintained version control of all configurable items using ClearCase.



Designed and developed Web services using Top Down Java Bean approach and deployment into the server.



Participate in performance improvement activities, identify and apply potential improvements related to the environment and the application.



Perform trouble-shooting and programming analysis of system issues including identification and resolution of security related events.



Provide development status daily in an environment to onsite coordinator.



Developed application with Aetna framework and integrated the same to the Production environment.



Acted as a trainer/mentor for new joiners.



**Offshore Developer**

**Aetna Inc**

Nov 2007 - Jan 2011

**ADA Engagement in QAP Claims**

Role-based and Web-enabled application to automate the process of maintaining claim audit results (End-to-End and QAP) and enable post-audit reporting that could be used by higher management in the decision-making process. The Claims Audit application is used by various user groups, including: Audit Administrators, Audit Supervisors, Auditors, Audit Segment Contacts, Business Segment Contacts and the Rebuttal Handler Team in Aetna. Each of these user groups has different levels of access to the application based on the group's pre-defined roles and functionalities. The QAP Stratified Claims Audit application was implemented based on AEFW using 3-tier MVC architecture and following standard patterns of an n-layer design.

**Responsibilities:**

Analyzed business requirements and created designs. Developed **WebPages using JSP** and **JavaScript** and Stored Procedures using **SQL Server.**

Developed applications with Struts and Spring Java Framework using AEFW.



Created Design artifacts (Application and Component designs). Created Test Scripts and updated the same during Test Execution. Performed Unit and Integration testing.



Participated in status meetings on daily basis with offshore / onshore development managers.



Maintained version control of all configurable items using ClearCase.



Provided UAT support and implementation support for the application.



Performed Production Support Activities such as Defect Fixes, Change Request implementations, enhancements and release verification/validation tasks.



Involved in mentoring the new joiners about Aetna development cycle and Frameworks during the later part of the project.



**EDUCATION:**

**Bachelor of Engineering, Computer Science**

Government College of Engineering, Tirunelveli, India.

2003 - 2007



**CERTIFICATIONS:**

Sun Certified Java Programmer, 2008

Sun Certified Web Component Developer, 2008

AWS Certified Developer - Associate, 2017

AWS Certified Solutions Architect - Associate, 2017



**AWARDS:**

TIAA Performer Award - Q2, 2017 Cognizant Yearly Award - 2013, 2015

Cognizant-TIAA Monthly Award - Received twice Cognizant Associate of the Month - Twice (AETNA, Chennai)