

VAMSHI KRISHNA DANİYAKULA

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PROFESSIONAL SUMMARY:

- 7+ years of professional experience on the development phases of **SDLC** (Software Development Life Cycle).
- Good working experience of Agile Methodology (Scrum, extreme programming), Waterfall model and Test driven development (**TDD**).
- Good experience in **Object Oriented Analysis & Design (OOAD)** using different design methodologies/ process frameworks like **SDLC** and tools like **UML, Rational Rose**.
- Well experience in design and development using languages like **HTML5, CSS3, JavaScript, Angular JS, Node JS, AJAX, Bootstrap, JQUERY, JSON, JSP tag libraries, XML, XSLT**.
- Expertise in Multi-Tier Web Applications, Enterprise Applications using J2EE technologies (**JAVA, Servlets, JSP, EJB, JSTL, JDBC, JMS, and XML**).
- Expertise in Core JAVA components such as Synchronization, Persistency, Run-Time Optimization.
- Expertise in Core JAVA with concepts of **Multithreading, Collections**.
- Working experience in using Object/Relational bridge technologies such as Hibernate.
- Hands on experience in **Hibernate, Hibernate Query Language HQL, Transactions, Exceptions**.
- Expertise in developing data models using **Hibernate, JPA Object relational mapping (ORM)** Frameworks & also used Hibernate Annotations to reduce time at the configuration level.
- Good experience in web applications using Struts, Spring framework features like **MVC (Model View Controller), DAO (Data Access Object), AOP (Aspect Oriented Programming)**.
- Strong Experience in Spring Framework, for example, **Spring MVC, IOC, AOP, DI, Spring-Boot, REST, Spring Integration, Spring Testing, and Spring JDBC, Spring Batch, Spring Securities**.
- Solid hands-on involvement with **Spring IO, Spring Boot** actualizing REST.
- Utilized configuration designs patterns like **Singleton, DAO, Front Controller, Factory, Session Facade, and DTO**.
- Developed Web services based on SOA using **RESTful, SOAP, WSDL, UDDI, JAX-RS, JAX-WS**.
- Experience in using Application servers and Web servers such as **BEA Web Logic server, JBOSS server, IBM Web Sphere and Apache Tomcat**.
- Experience working on database design and development using **SQL, PL/SQL in Oracle (10g, 11g), DB2 and SQL Server environments and experienced in using NoSQL databases like MongoDB**.
- Experience in unit testing using **Junit, Mockito**.
- Good experience in logging application with the **log4j**.
- Integration web services tool like Enterprise Service Bus (**ESB**) had working experience.
- Experience in using the tools like **Apache Ant** and **Maven** for build automation.
- Experience in using **GIT, SVN, CVS, and Rational Clear Case** for version controlling, error reporting and project management tools like **JIRA is used for bug/issue tracking**.
- Experience in using the integrated development environments like **Eclipse, Net Beans and JBuilder**.
- Experience in developing applications on operating systems like **Windows, UNIX and Linux**.

TECHNICAL SKILLS:

Languages	C, C++, Java 7& 8, SQL, PL/SQL, UML2.X, Scala
Mark-up/XML Technologies	HTML5, CSS3, XHTML, JavaScript1.8, JQuery, Ajax, Angular JS, Node JS, JSF, JSON, SAX/DOM, JSON, Angular 2.0, Backbone-JS.
Tools & Frameworks	Struts, J2EE, Client-Server, Spring2.x/3.x, Hibernate 2.x/3.x/4.x, Mule ESB, Spring MVC, Spring IOC, Spring AOP, JMS, JSF, Junit, AJAX, Spring Boot, Spring Batch, and Spring Security.
Web services	SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, Micro Services.
Web/Application Servers	Tomcat 8.x/9.x, Weblogic 12c, IBM WebSphere 9.x, IBM BPM 8.5/8.0/7.5, JBoss, Apache.
Database	Oracle 8i/9i/10g/11g, SQL server 12.0, MySQL, Mongo db.
Development Tools (IDEs)	Eclipse8.x/7.x/6.x/3.x/2.1.1, My Eclipse6.0/5.1.1, NetBeans3.3, JBuilder, Spring Tool Suite (STS).
Testing Tools	Junit 4.x, JIRA, Soap UI, Mockito, Rational Clear Quest.
Version Control	CVS, SVN, Rational clear case, GIT
OS & Environment	Windows Vista/XP/2000/NT, Linux, UNIX

PROFESSIONAL EXPERIENCE:

Goldman Sachs, NYC, NY

Nov 2016 to Till Date

Role: Full Stack Java Developer

Project Description: It's an American multinational finance company that engages in global investment banking, investment management, securities, and other financial services like Marginal, House, Regulation calculation, including asset management, mergers and acquisitions advice, prime brokerage, and securities underwriting services. Company totally deals with the client's products and prices according to the market. Risk Technology team, we deal with development and production support issues.

Responsibilities:

- Involved in all the phases of **Software Development Life Cycle** including Requirement Analysis, Design, Implementation, Testing and Maintenance.
- Designed the **dynamic** and web compatible pages using the **JavaScript, Angular JS, Bootstrap**.
- Built the responsive UI with **Angular JS**. Developed the dashboard for displaying charts, graphs, and other analytics-related widgets.
- Behavior of UI is developed by the **JavaScript** and application page functionality is built with the help of **AngularJS-Directives**.
- Application classes are developed by **Core Java collections, Exception handling, Generics, Design patterns** are used and they are for client data like created **Services, Business Delegate, Pojo, Controller and DAO**.
- Used **Java collection API** extensively such as Lists, Sets and Maps.
- Extensively Implemented **Spring Boot, dependency Injection (DI) and AOP**.
- Involved in system architecture and design utilizing the **UML** Analysis and Design Models
- Developed **Servlets** and **JSPs** based on **MVC** pattern using **Spring** Framework.

- Implemented **transaction management** in the **DAO** layer and configured the Spring Declarative.
- Developed **REST** architecture based web services to facilitate communication between client- server.
- Design, develop and test of **SOA** services using SOA/**SOAP** Web Service.
- Design and implement of **indexing strategies** for huge data sets.
- Deployed the Production and QA developed code in the **Sybase, DB2 and MYSQL**.
- Creating detailed **Junit** test for producing the clear and actual functionality of the application.
- **Jira** used for project tracking and bug fixing.
- Involved in server configurations, Data Sources, Connection Pooling and deploying the apps on **apache tomcat. Log4J** to capture the log that includes runtime exceptions.
- Involved in building the code using **Maven** & deployed on server.
- Version controls like **SVN** Used **SVN** for source code version controlling.
- Responsible for analyzing various cross-functional, multi-platform applications systems enforcing, best practices and provide guidance in making long-term architectural design decisions.

Environment: Core Java 1.7/1.8, Servlets, JDBC, Java Script, Angular JS, JSON, JSP, Hibernate 3.x, Spring Framework, XML, MYSQL, DB2, SYBASE, Eclipse, SOAP and REST Web Services, Apache Tomcat, SOA, Junit, Jira, SVN, Log4j, Maven.

SEI Investments, Oaks, PA

March 2015 to Nov 2016

Role: Full Stack Java Developer

Project Description: SEI Investments – It's an end to end Wealth Processing and management solution designed to achieve the future needs of the global markets. It provides services to the private banks for designing and developing the product software. Phase one of this application was completed in a short span of two months to aid market expansion of growing business. This has specialized subsidiaries in the areas of investment banking, loans, financial planning, venture capital and asset management. It handles all the Users associated with the investments details having any sort of relationship with CC (Credit Card), Debit Card and DE mat A/C. Which holds the all the basic details of the valid customers of present and newly invested.

Responsibilities:

- Involved in Requirements and Analysis Understanding the requirements of the client and the flow of the application as well as the application Framework.
- Re-Platforming of web design includes **HTML, XML, CSS, SASS, JSON, JavaScript, JSP, JQuery, Angular JS, Node JS, and Gulp**.
- Expertise in DOM manipulation using **JavaScript, JQuery and Angular JS**.
- Used Firebug and **IE Developer Toolbar** for debugging and browser compatibility.
- Used CSS Blueprint to create grids and adopt cross browser interactive features.
- Developed mockups and prototypes using **HTML** and **CSS3**.
- Implemented the application using **Spring IOC, Spring MVC** Framework, **Spring Boot** and handled the security using **Spring Security**.
- Developed **Bill generation and Plan management** modules using **Angular JS**.
- Used features in **Angular JS** such as data binding, routing, custom filters, and custom directives to meet business requirements.
- Used **Bootstrap** components of **Angular-UI** like carousel, collapse, dropdown, and tabs to develop dynamic responsive Web Application.
- Used **Node.js** for the management on interchange of the data between the servers and the users with the help of web sockets.

- Using the Object Relational Mapping tool like **Hibernate**, strong in using XML mappings and Java Objects.
- Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services**.
- Created controllers and view pages along with Bootstrap and **HTML5** for dynamic web application.
- Used Less.js pre-processor to create importable and reusable style sheets, processed on server-side.
- Performs UNIT testing with **JASMINE**, and develops web services using **RESTFUL API**.
- Used **Node JS, Express JS** to create server-side MVC framework with **MongoDB**.
- Configuration file and Node JS is used at back end in order to interact with **MongoDB** using Mongoose connector.
- To convert the Entire event flow as an SOA based architecture used **RabbitMQ** as queues.
- Used **JSON** response modulation in rest services to make it more generic for our mobile team to consume the services.
- Used **Weblogic** as application Server.
- Used **Jboss** Application server implementation, support, workload management and performance tuning including Web server setup configuration with **Jboss App Server**.
- Used **AJAX and JSON** to make asynchronous calls to the project server to fetch data on the fly.
- Involved in developing the **Angular JS MVC** framework for the **Single Page Application** development.
- Developed the application for responsive to different screen resolutions using **Bootstrap** and **CSS3 media queries**.
- Experienced behavior driven development using **SCRUM** framework under **Agile** Methodology.

Environment: JavaScript , HTML5, CSS3, Node JS, Unix, Java, Eclipse, RESTFUL Web services, AJAX, JSON, Node JS, Express JS, AWS, Restful API, Bootstrap, Spring Boot, Spring Security, Rabbit MQ, Web logic, Spring IOC, Jboss, Grunt, JQuery , Angular JS , NPM, bower, JSON, Ajax, JSP, GitHub, MongoDB, Jasmine.

Minacs, Farmington Hills, MI /Remote from Columbus, OH

Jun 2013 – Mar 2015

Title: Sr. Java Developer

Project: CEM

Description: The ultimate goals of the Consumer Experience Movement (CEM) include superior relationship marketing, increased customer satisfaction, and increased customer loyalty, all resulting in incremental Ford and Lincoln vehicle sales and service contracts. The CEM website helps facilitate these goals.

Responsibilities:

- Member of the analysis and design team, which interacted with the functional leads for understanding of business process and converting them into techno-functional documents. Worked in Requirement **Analysis, Design, Development, Integration & Testing, Implementation** and Operations & Maintenance phases of the project.
- Participated in **Scrum** meetings as part of Iteration development process.
- Deliver new and complex high quality solutions to clients in response to varying business requirements
- Utilize in-depth knowledge of functional and Technical experience in **Java/J2EE** and other leading-edge products and technology in conjunction with industry and business skills to deliver solutions to customer
- Designed application modules, base classes and utility classes using **Object Oriented Programming (OOP)**

- Working with an **Agile, Scrum methodology** to ensure delivery of high quality work with every monthly iteration
- Designed and implemented customized exception handling to handle the exceptions in the application.
- Application system design over **Java/J2EE technologies** with security, robustness, transaction management as prime goal.
- Involved in all phases of **Software Development Life Cycle (SDLC)**.
- Implemented the application following the J2EE best practices and patterns like **Singleton, Factory, MVC and DAO**.
- Created **Web.xml, Struts-config.xml, Validation.xml** files to integrate all the components in the **Struts framework**
- Worked heavily with the **Struts tags**- used struts as the front controller to the web application.
- Implemented Struts Framework according to **MVC design** pattern.
- Implemented validation framework for creation of **validation.xml** and used **validation-rules.xml**
- Used **Spring Web MVC framework** for the applying **MVC Implementation** to the web application.
- Used Spring Web Module integrated with **Servlets** and **JSP**.
- Making use of **JSP, HTML**, and **XML** for the designing presentation layer. Confirming the validations of the customers with the help of **JavaScript**
- Worked with **JDBC** and modified **SQL** Queries for better performance
- Used **Spring's JDBC** and **DAO layers** to offer abstraction for the business from the database related code (**CRUD**).
- Coded pages that use **XSLT/Xpath** technologies and display data to the user.
- Involved in configuring **Tomcat Server** and deployment of **JAR application** in it. Used SVN for version controlling.
- Developed Business components using **Java** Objects and used **JDBC** Template framework to map the Java classes to the database.
- **jQuery** library and **AngularJS** has been used for creation of powerful **dynamic WebPages** and **web applications** by using its advanced and cross browser functionality.
- Designed and developed the application presentation layer using **XSTL**.
- Prepared **JUnit** test cases and executed the test cases using JUnit in eclipse.
- Worked on Migration of the applications from **WebSphere Server** to **Oracle WebLogic Server**.
- Involved in bug fixing during the **System testing, Joint System testing** and **User acceptance testing**.

Environment: Eclipse, Toad, PLSQL Developer, Tomcat and Apache Server 7, Oracle Web Logic Application Server 11g, Java v1.7.x, Spring MVC, Servlets, JSP,XML, JDBC, Spring JDBC, Spring batch, XML, JQuery, AngularJS, CSS3, JavaScript, SVN, Oracle 11g, HTML5, Struts.

Client: Jackson National Life Insurance, MI

Feb 2011 - May 2013

Title: Mid-level Developer

Project: E-Billing system

Description: The Insurance E-Billing system provides the customers access to their accounts with robust and secure data communication over the Internet. It is three-tier J2EE Architecture. The web-tier was developed using JSP, Servlets and Struts framework. The middle-tier consisted of Spring Framework maintaining the business logic and interacting with the SQL server. The application was managed over Web sphere application server.

Responsibilities:

- Involved in various **Software Development Life Cycle (SDLC)** phases of the project which was modeled using **Rational Unified Process (RUP)**.
- Strong understanding of the **software development cycle**, specifically **Agile/SCRUM**
- Generated Use Case Diagrams, Class Diagrams, and Sequence Diagrams using **Rational Rose**.
- Implemented the application using Jakarta **Struts Framework** which is based on **Model View Controller design pattern**.
- Image transformation in **JSP's** using **SWINGS** and **APPLETS**.
- Used the **Struts Validation** and **Tiles Framework** in the presentation layer.
- Worked with **JDBC** and modified **SQL Queries** for better performance
- Developed various **EJB** components to fulfill the business functionality.
- **Session Beans** were developed to process the requests from the user.
- Extensively used **Hibernate** in data access layer to access and update information in the database.
- Used **Spring Framework** for Dependency Injection and integrated it with the **Struts Framework** and **Hibernate**.
- Used a **WAP server** for communications to the customer.
- Used Web services – **WSDL** and **SOAP** for getting credit card information from third party.
- Used **JMS** API for asynchronous communication by putting the messages in the Message queue.
- Designed various tables required for the project in Oracle 10g database and used Stored Procedures and Triggers in the application.
- Write new plug-in classes accessed by action classes. Apply the test first methodology on the same using **JUNIT4**
- Performed unit testing using **JUnit** framework and used Struts Test Cases for testing Action Classes.
- Used **Ant** scripts to build and deployed on **WebSphere** Application Server.
- Monitored the error logs using **Log4j** and fixed the problems.
- Developed the different components of application such as **JSPs, Servlets, EJB's** using **Websphere Studio Application Developer** and used **CVS** for version control.

Environment: JDK 1.5, Servlets, EJB, XML, JQuery, JMS, Struts 1.2, Hibernate 3.0, Spring 2.5, SQL, Web Service(JAX-WS),HTML5, JSF, AJAX, DOJO, JavaScript, CSS3, SVN, DB2, Oracle 10g, Adobe Dreamweaver CSS, ANT 1.7, IBM Web Sphere Application Server 6.1,TCPMon, SoapUI, Visio, Rational Rose, Log4j

Approsys, Hyderabad, India

Jan 2010 to Dec 2010

Role: Junior Java/J2EE Developer

Description:

A framework client will take the solution and any vital data to begin the fill procedure by first partner a patient to the medicine. After a patient is chosen from either a nearby or focal inquiry, the client can enter the fill procedure. With the help of pharmacy software, they retrieve the data of the patient details and they can supply the required medicines to the customers and it can be given by any distinct location stores.

Responsibilities:

- Ensure work is assigned, tracked and completed as per the client commitments.
- Analyze the problems and identify the root cause, provide solutions.
- **Waterfall** model was adopted in the development. This includes on-Shore meetings.
- Designed and developed sub system by **SOA, Servlets, JSPs, J2EE Entity beans** and **Session Beans**.
- Custom User Interfaces is developed by using the **JSP custom tags**.

- Developed Action Classes to control the application flow and used **JavaScript** Validation framework.
- Used **JSTL** and developed required tiles and tile definitions for templating and defined configuration.
- Designed and created the database tables and wrote **SQL queries, Joins, stored procedures, triggers** and **functions to access Oracle SQL**.
- Used **SOAP UI** to test the **web service API calls**.
- Responsible for deploying the application in to the IBM Web Sphere Application Server.
- Used tools like **Sonar** and **Fire-bug** for code managing, monitoring, complexity and coverage.
- Used **GIT** as version control to check in the code, created branches and tagged the code in GIT.
- Used **Log4j framework** to log/track application. Analyzed the integration issues and fixed them.
- Assisted project manager in preparing time estimates and justification for assigned tasks.
- Assisted and supported team members in resolving moderately complex program problems. Provides technical advice on complex programming.

Environment: SOA, JSP, Entity Beans 1.2, JSTL, Servlets 2.3, Java Script, Oracle 10g, Eclipse, Web Sphere, Log4j, Sonar, Fire-Bug, Soap UI, Web services, GIT.

Education:

Bachelors in Electrical and Electronics Engineering from the **Sree Kavitha Engineering College, India**