

**Rama Krishna**  
**Full stack Java Developer**  
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### **Professional Summary:**

- Software Developer with 8 years of strong experience in java **J2EE** technologies like Object Oriented technologies, **SDLC** Process which includes translation of requirements into **functional** and technical specifications, **Designing, Developing, Testing Implementation & Post production** support using development methodologies like **Waterfall, Agile/Scrum**.
- Experience in design, development and deployment of enterprise applications for J2EE platform using java, **J2EE, Hibernate 3.0, Springs, JPA, Web Services, EJB 3.0, and XML JavaScript, SQL, HTML**.
- Good experience in implementing **J2EE** compliant applications using various design patterns, struts, spring MVC Framework, Hibernate.
- Extensive working experience with **Servlets, JavaScript, EJB**, java Mail, Tag Libraries, Custom Tags, Design Patterns
- Expertise in domains like Banking, Financial Services, Health Care Insurance.
- Excellent in front-end UI design implementations by writing **HTML5/HTML, CSS3/CSS, Java Script, JQuery**. Mobile to make better Single Page Application (**SPA**) working on **Node.JS** Server.
- Expertise in open source frameworks like **Struts 2.0, JAXB, AXIS-2, JAAS (Java Authorization and Authentication System), JUNIT etc**.
- Involved in using Core java concepts - **Collections, Exception Handling, Multi-Threading, Concurrency, Serialization and java 1.8 features**.
- Designed and deployed spring framework based web applications using principles of **IOC** (Inversion of Control) And **AOP** (Aspect Oriented Programming).
- Designing AWS Cloud Formation templates to create custom sized **VPC, subnets, NAT** to ensure successful Deployment of Web applications and database templates.
- Experience using integrated development environment like **Eclipse, WebSphere Studio Application developer, RAD and NetBeans**.
- Extensive Experience in cloud computing platforms like **AWS** (Amazon Web Services) And **PCF** (pivotal Cloud Foundry)
- Extensive experience in using **SQL** and **PL/SQL** to write Stored Procedures, Functions, Packages and Triggers.
- In- depth Experienced in writing **MQL** scripts in **Ematrix** environment and **Shell Scripts**.
- Understanding of **Data Structures and Algorithms**. Micro services architecture using Spring BOOT enabled REST API with the Spring Cloud modules.
- Experience in working with different operating systems like **Windows, Linux and Unix**
- Excellent work experience on **RDBMS** like **Oracle** and **My SQL**, creating SQL statements & Sub queries.
- Knowledge in scripting technologies like **Scala, Shell, Groovy** .
- Ability to learn and use new systems and paradigms in considerably less time, solid communicator with Exceptional team-building skills
- Experience working in **Kafka** and **Camel**
- Developed deployment process using **maven**
- Knowledge on devops technologies like Docker, Jenkins

- Used **Aws** (Amazon web services) deploying, managing and operating scalable, highly available, and fault tolerant systems.
- Expertise in developing **Middle-Tier** components using Enterprise Java Beans (**EJB**), **JMS**, **JNDI** and other Remote Components

## TECHNICAL SKILLS:

<b>Programming/Scripting Languages</b>	: C, C++, JAVA7/8, JavaScript, CSS, HTML, DHTML and XML.
<b>J2EE Technologies</b>	: Struts, Spring, Hibernate, JMS, Servlets, JDBC, EJB, Spring boot
<b>Frame works</b>	: Apache struts, Hibernate, spring 4, AJAX XML, Web Services, LDAP, Rails 2.X, Play
<b>Web/Application Servers</b>	: Apache Camel, Web-logic Server, WebSphere.
<b>Tools / IDEs</b>	: Eclipse, NetBeans. Maven
<b>RDBMS / Database</b>	: ORACLE 8i/9i/11g, SQL Server, DB2, MySQL.
<b>Web Development</b>	: HTML, CSS, Java Script, NodeJS, AngularJs. Jquery
<b>Methodologies</b>	: OOAD using UML, Rational Rose, Agile/XP. Agile Scrum
<b>Operating Systems</b>	: Windows2000/XP/2003, UNIX, LINUX, DOS.
<b>Software</b>	: Oracle, MS Office, Adobe Photoshop, Flash.
<b>Cloud</b>	: Aws, AWS LAMBDA, AWS EFS
<b>No Sql Db</b>	: Cassandra, Mongo DB, Dynamo Db

## Professional experience:

**Client:** BlueCross Blue Shield of NC Durham, Nc

Jan 2016 -Till Date

**Role:** Full Stack java Developer

BCBS operates supermarkets and pharmacy throughout the southeastern United States. An online pharmacy project was managing the details of Stock, Sells, Medicines, inventory, pharmacy. The project is totally built at administrative end and thus only the administrator guaranteed the access. The purpose of project is to build an application program to reduce the manual work for stocks, sells, company, medicines; it tracks all the details about the medicines, inventory and pharmacy.

### Responsibilities:

- Developed and deployed the applications with huge customer base of more than a million users..
- Designed the front-end screens using **HTML5, CSS, Angular2**
- Implemented **MVC** architecture using struts framework.
- Developed **API** using Hibernate to interact with the **Oracle database . . .**
- Extensively worked on **Spring DAO** and **Spring AOP** modules.
- Used Hibernate for performing the Database Transactions.
- Involved in developing EJB'S for the business logic using Session facade pattern and deploying them in **Apache tomcat**.
- used **MAVEN tool** to build and deploy **J2EE** Applications
- Used **Spring Rest** Template to use the exposed **REST web services**
- Developed all the **Junit** test cases for all the different layer implementations
- Used **Docker** to containerize the Services and APIs to run on **AWS EC2** instance
- Worked extensively on the **Oracle database**. Written Unix shell scripts to run job and utilities
- Used **JMS API** for asynchronous communication by putting the messages in the message queue.
- Implemented SOA architecture with web services using **SOAP, WSDL, UDDI and XML**

- Used Apache to build projects, which assisted in **testing**, and **produce reports** on projects.
- Developed the application under J2EE Architecture using **Spring, Hibernate**.
- Extensively using core java concepts like Synchronization, Collections, Multi-threading, exception handling for developing applications.
- **Layout and design** the overall architecture and migration approaches using **Oracle ADF**.
- Worked on different module of Spring including Spring Mvc, Spring Orm and **Spring Boot**.
- Extensive use of HTML5 with **Angular JS**, JSTL, JSP and **JQuery** for the presentation layer along with **Javascript** for client side validation.
- Core service uses the main database and the other **Microservices** use their individual databases to access and store data.
- Development of web modules and middleware components using **AWS** and **Spring** integration

**Environment:** Java Servlet, Spring, JavaScript, Hibernate, Struts, maven, HTML, Css, JMS, XML, Node Js, Xslt, Angular js, SOAP, ShellScripting ,Unix, Web2.0, Oracle , Jax-Rs, jms

**Client:** Wex Inc Portland, Me

**Role:** Full Stack Java Developer

May 2014 – Nov 2015

The Anti-Money Laundering (AML) program is designed to identify and report any activity that the Bank suspects may involve money laundering . The AML "Know Your Client Solution" is web-based intranet application designed to enable the consistent implementing of the Customer Due Diligence (CDD) section of Bank of America's Anti-Money Laundering policy across business units and global regions

#### **Responsibilities:**

- High-level design and low-level design of AML UI, KYC Web Services.
- Implementing of AML KYCS front end (Create Entity page, Search Entity page, Retrieve Entity page and Update Entity page) using **Spring MVC framework**.
- Wrote Script for **AJAX** implementations in the website and created components, used **jQuery** for client side form validations and used **JSON** for creating objects in Java script.
- Involved in coding complex **SQL** procedures and queries.
- Created **Angular JS** custom directives for reusable components on UI.
- Used **Hibernate** an ORM tool along with **Spring** to perform all the Database actions.
- Used **Hibernate** to connect to the **Oracle** database to store and fetch.
- Using **Apache** Commons Configuration **API** to read configuration data from **DB2**..
- Using GitHub in sold we can secure the details of the customer by executing in GitHub
- Creating the **JDBC** data source in **WebLogic** application server.
- Used **Spring Framework** at Business Tier and also **Spring's** Bean Factory for initializing ser
- Involved in provisioning AWS S3 buckets for backup of the application and sync this contents with remaining S3 backups, by creating entry for AWS S3 SYNC in crontab
- Worked on Proof of Concept for developing application using **Node Js** and **Mongo DB**
- Writing **DML** scripts to store application help text in **DB2 database, Oracle database**
- Configured AWS IAM and Security Group in Public and Private Subnets in VPC..
- Promoting DML scripts to **DB2** and Oracle databases. .
- Coordinating the AML production releases with WebLogic/WebSphere webadmin and **DB2/Oracle DBA**. I
- Integration of Maven, **Jenkins**, Urban Code Deploy with Git,
- Developing Micro services by creating Rest Apis for core banking services

- Integrated **Spring Boot** with Hibernate using configurations and implemented DAO layer to save entities into data base.
- Used the **Log4j framework** to log the system execution details to log file
- Developed coding using **SQL-PL/SQL, Queries, Joins, Views, Procedures/Functions, Triggers and Packages.**
- Extensive usage of **Node JS** in implementing the server side build deploys automation

**Environment:** JDK1, Rational Application Developer, Spring, Springboot, Nodejs, Xslt, DB2 ,Oracle9i, Axis2, Rational Base Clear Case, Aws S3, Aws, Scala, json, microservices, XML TOAD for oracle, Maven, Toad for DB2,Github, Jenkins, mongoddb

**Client:** United Health Group Weehawken, NJ

**Role:** Java/J2EE Developer

July 2013 – Apr 2014

Retiree drug Subsidy program allows the plan sponsors to receive subsidy for the gross eligible amount of each retiree who is eligible. This project was to generate and transmit a reconciliation report to CMS for each plan sponsor, which indicates the amount they will be eligible to receive subsidy for. As part of this project, an online application was also built for business user to track the reconciliation process of each plan sponsor, to approve, stop, and to redo the process from any process step of the reconciliation process. This also allowed the Business user to view and maintain some of the key tables in the database.

#### **Responsibilities:**

- Designed and developed the project using **MVC** design pattern.
- Involved in preparing **Technical Design** document of the project.
- **Designed and developed** application using **JSP Custom Tags, Struts tags & JSTL tag** libraries.
- Developed **Controller Servlets** action and action from objects for process of interacting with Sybase database using Struts.
- Implemented **SOA** architecture for different application to exchange data for business process.
- Developed the front-end using **HTML, and JavaScript.**
- Followed **Agile Methodology** (TDD, SCRUM) to produce high Quality software and satisfy the customers.
- Wrote build & deployment scripts using **shell, Perl** and **ANT** scripts.
- Wrote stored **procedures** and Database **Triggers** using **PL/SQL.**
- Worked in using **JBoss** Application Server for deploying and testing the code.
- Developed Report functionalities in excel using **Jakarta Poi.**
- Involved in Prototype using **Macromedia Dream weaver.**
- Designed network diagram, and set up the Development Environment, **SIT** and **UAT** environment by installing and configuring Web Logic Application Server on **UNIX** environment.
- Used **SAX** and **DOM** for parsing **XML** documents and **XSLT** for transformation.
- Developed EJB's (Session Beans) for implementing business logic and transactional services.
- Responsible for preparing use cases, class and sequence diagrams for the modules using **UML.**
- Developed Data Access Layer to interact with backend by implementing **Hibernate Framework.**
- Wrote **JUNIT** classes for the services and prepared documentation.
- Developed Data Access Objects to access middleware web services as well as Sybase database.
- Used **Spring** web **mvc** for the controllers.
- Used **SOAP-UI** to test the Web Services using **WSDL.**
- Used **JERSEY** API to develop **restful web services.**

**Environment:** Java7/8, j2ee, mainframe, struts, servlets, ejb2.0, jdbc, junit, html, java script, xml, xslt, corba, pl/sql, db2, websphere application server, Xslt, apache tomcat, eclipse, jboss, jersey, soap, hibernate,

**Client:** Nexius Allen, TX

**Role:** Java/J2EE Developer

Aug 2012 – June 2013

**Responsibilities:**

- Used Agile Methodologies and **SDLC** for managing life-cycle development of the project.
- Translated client's business requirements into use case models
- Implemented Restful web services using **JAX-RS** and **JERSEY** tool.
- Created internal & external services, Entity services and Handlers.
- Involved in creating and extracting data from database using **SQL** Queries, **PL/SQL** on **Oracle Database**.
- Actively Participated in the Daily scrum meetings to provide quality deliverables within time.
- Designed and Developed **RESTFUL Web Services** and tested using Postman.
- Used **REST** and **SOAP** web services to exchange information.
- Involved in multi-tiered **J2EE** design utilizing Spring **IOC** and **Hibernate**.
- Used **JMS** to communicate with vendor.
- Integrated spring with **ORM** frameworks such as **Hibernate** and **JPA** (Java Persistence API).
- Generated Hibernate classes and mapping **XML** files using hibernate-tools and written the save, update and search methods in **DAO** using Hibernate methods and **HQL** queries.
- Implemented Lazy Loading and Eager Loading of Hibernate framework.
- Implemented Caching technology of Hibernate to boost up Applications performance.
- Used Spring configuration files and its application context object for creating various factory objects.
- Involved in the integration of Spring components for implementing **Inversion of Control (IOC)** using **Dependency Injection (DI)** and integration of other spring components like Dispatcher servlets, Controllers, Model and View Objects.
- Developed **JSP**, **JSF** and Servlets to dynamically generate **HTML** and display the data to the client side. Extensively used **JSPtag** libraries.
- Used Java and **J2EE** Design Patterns like Factory, Singleton, Business Delegate, **MVC**, Service locator, chain of responsibility and DAO pattern.
- Used **AngularJS** for Client-Side Caching and Hibernate EH Cache for Server Side Caching.
- Implemented **AngularJS** Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory.
- Used **Kinvey platform** for delivering mobile enabled applications
- Being as a developer Kinvey is used to build applications twice as fast and at cost efficiency.
- Maintained existing UI Applications and upgraded them using **CSS3**, **jQuery**, **AJAX**, **JSON**, **HTML5**.
- Used **Log4J** for configuration and customization of logs.
- Worked on Bug fixing and enhancements on change request.
- Provided Production support for the application after deployment.
- Formulation of micro services-based integration software development meta-architecture, framework and continuous delivery pipeline and its exemplary realization through a few production services

**Environment:** Java7/8 J2EE, java script, AJAX, Spring IOC, AOP, MVC, JDBC template, JQuery, AngularJS, spring4 web services-SOAP & Restful, JMeter, Apache CXF, JMeter, ApacheCXF, WSDL, JUNIT, Mockito, JMS, Agile Methodology, Scrum, Design Patterns, Servlet, JSP, XML, SVN, MySQL, SQL Developer, Eclipse, Maven, Log 4J, JBOSS, Log4j. Css3

**Client: Star Touch India Pvt. Ltd**, Bengaluru

**Role: Java/J2EE Developer**

Sep 2009 – May 2012

**Responsibilities:**

- Implemented **Struts Framework** in the presentation tier for all the essential control flow, business level validations and for communicating with the **business layer**.
- Developed **Struts Framework** Action **Servlets classes** for Controller and developed Form **Beans** for transferring data between **Action class** and the **View Layer**.
- Developed the front-end **UI** using **JSP, HTML, JavaScript, CSS**.
- Implemented **Struts** Validators framework to validate the data.
- Developed **Ant(build.xml)** targets for build and deployments on **WebSphere ApplicationServer 5.0**.
- Developed Stored Procedures in the **Oracle 9i** database.
- Responsible for design and implementation of various modules of the application using Struts-Spring-Hibernate architecture
- Involved in writing unit test plans and developing test cases using **Junit**.

**Environment:**Java7,J2EE,Eclipse,Windows,UNIX,JSP/

Servlets,JQuery,Apache,Tomcat,JDBC,XML,XSLT,XSD,SAX,JAXP,HTML,Oracle,UNIX. Hibernate, spring , oracle

**Education:**Bachelors from **koneru lakshmaiah college of engineering in India - 2009**