**Anand Kumar Chittaluri**

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**PROFESSIONAL SUMMARY**

* Consultant with **10 years** of extensive experience in Software Development Life Cycle (**SDLC**), Enterprise Web Application Design, Development, Programming, Testing, Maintenance, and End-User support.
* Proficient in developing secure enterprise Java applications using technologies such as **Java, J2EE, JSP, Servlets, JDBC, JMS, JNDI, EJB, JavaScript, HTML, XHTML/DHTML, XML & JSON**.
* Exposure to complete SDLC: from inception, requirements gathering, requirements analysis, design, rapid prototyping, development, testing, documentation, deployment and production support.
* Experience working in SDLC by using **Waterfall, Agile (Scrum), Pair Programming** and Iterative system development methodologies.
* Expertise in various open source frameworks like **JSF**, **Struts, Spring, AngularJS** and **Distributed web application development.**
* Proficient with **Unit Testing**, **UML**, **Design Patterns**, **Object Oriented Design**, **Aspect Oriented, MVC patterns** and **Rules Engine (Drools)**.
* Developed applications using latest technologies like **EJB 3.0**, **Spring 3.x/4.x**, **Hibernate 4.x** and **RESTFul** services.
* Experience in deploying business applications using application servers **Oracle WebLogic**, **JBoss Application Server** and **IBM WebSphere** and resolving build issues and monitoring server logs.
* Competence in using Java IDE tools Rational Application Developer (RAD), Eclipse 4.0 and WebLogic Workshop to develop dynamic web applications.
* Proficient in design and development of **RESTful** and **SOAP web services**.
* Good working knowledge on **TDD**, **BDD,** **JUnit**, **Mockito, Cucumber** and **EasyMock.**
* Worked extensively using build methodologies like **Ant** and **Maven** and coded custom plug-ins and tasks for build and releases.
* Proficient with code repository tools like **CVS, SVN, GitHub and Mercurial**.
* Experience working on databases such as **MySQL**, **Oracle9i**, **SQL Server** & **DB2** and writing the SQL queries & stored procedures.
* Experienced working on NoSQL databases such as **Cassandra** and **MongoDB**.
* Intermediate level experience working on Bigdata technologies like **MapReduce**, **HDFS**, **Hive**, **Sqoop**, **Apache Spark** for data extraction, transformation and analytics.
* Experience working on Cloud Computing, IaaS providers such as **AWS**, **OpSource**, **SoftLayer**.
* Experience working with frontend JavaScript frameworks **JQuery, BootStrapJS, ReactJS and AngularJS**.
* Expertise in implementing various J2EE design patterns like **Service Locator, Data Access Objects (DAO), Factory and Data Transfer Object (DTO).**
* Excellent initiative, innovative thinking skills, and the ability to analyze details and adopt a big-picture view and Excellent organizational, project management and problem-solving skills.
* Excellent oral and written communication skills. Ability to explain complex technical information to technical and non-technical contacts.
* Excellent interpersonal skills. Ability to effectively build relationships promotes a collaborative and team environment and influences others.
* Experience on design and development of code automation tools for Migrating systems.

**TECHNICAL SKILLS**

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| **Programming Languages** | Java 6/7/8, J2EE, SQL, PL/SQL, Scala , Python |
| **Operating Systems** | Windows 98/2000/XP/NT/7/10, Linux, Unix |
| **Java Technologies** | J2SE, J2EE, JSF,JSP, Servlets, EJB, Swing, JDBC, JMS, MDB, JNDI, Web Services, Design Patterns, JAVA Beans |
| **Web/App**. **Server** | WebLogic10g/12c, WebSphere 6.1/8.0/8.5, Tomcat 5.5/6.0/7.0, JBoss 3.2/6.0/7.0 |
| **Frameworks & IDE Tools** | JSF 1.2/2.0/3.0, Struts 1.2, AngularJS, Spring 3.0/4.0, JPA, Hibernate 3.0, JUnit, ANT, Maven, AJAX, Log4J, Eclipse 3.x/4.x, IntelliJ, Weblogic Workshop 9.2, RAD 6.0, GitHub, Rational ClearCase, TOAD |
| **Web-Development Technologies** | JSP, XML, XSD, XSLT, DOM, LDAP, HTML, Java Script, CSS, DHTML, Servlets, JSTL (Tag Libraries), AJAX. |
| **RDBMS** | MySQL, ORACLE 10g/11g, SQL Server 6.5, MS Access |
| **NoSQL** | MongoDB, Cassandra, Apache Solr |
| **OOAD** | UML, Design Patterns |
| **JS Frameworks** | JQuery, AngularJS, JasmineJS, BootstrapJS |
| **Cloud Service Providers** | AWS, OpSource, SoftLayer |
| **Multimedia** | ffmpeg and x264 |
| **Rules Engine** | Drools |
| **Big Data tools** | Hive, Sqoop, Hdfs, Apache Spark (core) |

**PROFESSIONAL EXPERIENCE**

**Wells Fargo Bank, Minneapolis, MN Oct’15 to till date**

**Role: Senior J2EE Developer**

**Responsibilities:**

* Implemented a secure web based client service that communicates and manages data from a Positive Pay service for Fraud detection.
* Implemented a secure SOAP client service that communicates and manages data from an online direct deposits service (ACH) for Fraud detection.
* Implemented a secure rest client service for Account reconciliation plan (ARP) transactions management for Fraud detection.
* Developed Restful services that exposes and allows managing Fraud detection for ACH, IPP and ARP transactions using Spring framework.
* Designed and developed an integration system using Message queues for batch processing of bulk data uploads.
* Worked on a Home Mortgage credit decisioning system and developed a restful client that communicates with third party credit bureaus that extracts and transforms data.
* Worked on Home Mortgage underwriter module and work flow management.
* Support clients with different professional backgrounds, interact with business, technical and management professionals for production critical issue, and translate live issues into the specific technical problem.
* Designed and developed a concurrent service client to communicate with various services in an efficient manner using Java Future type and Spring Concurrent programming.
* Implemented push notifications services for Mobile applications and web applications.
* Implemented unit test and Integration test cases for Test Driven development.

**Technical Responsibilities:**

* Involved in Software Development driven by **Agile methodology** and **Pair Programming**, creating **UML** Diagrams (Class and Sequence diagrams) during Design Phase.
* Created dynamic web UI designs and development using **AngularJS , HTML5, CSS3, JavaScript and jQuery.**
* Implemented Test cases based on the business requirements and laid concrete structure using the principles of Test Driven Development (TDD).
* Designed and developed **Web services (SOAP, RESTFul)** for transmission of large blocks of XML data over HTTP.
* Implemented **JMS** and **MDB** listeners to send data to queues and receive data from queues.
* Used **Hibernate** Persistence Strategy to interact with database.
* Used **Spring Framework for Dependency injection, AOP** and **Data**.
* Developed **Hibernate mapping** to the Database tables to access the data from the database.
* Developed Custom Tags to simplify the JSP code and integrated with dynamic data services.
* Design, development and testing of system integration between the company's agent portal and an external application using **Spring Integration.**
* Actively involved in developing Web Services using **XML, JSON, XSD, SOAP, REST and Apache Axis2**.
* Overall web application development from **installation to implementation**.
* Installed **Web Sphere Application Server** and developed Maven scripts for deployment.
* Used **JUnit framework, MockIto** for Unit testing of application.
* Used **Log4J** to create log files to debug as well as trace application.

**Environment:** Java 8, J2EE, Agile, HTML, JSP, Ajax, Spring 4x, AngularJS, Hibernate 3, SOAP,REST, WSDL, XML, JSON, Oracle Weblogic Application Server, MDB, SQL, JMeter, log4j, DynaTrace, TDD, JUnit, MockItO, SonarQube, Anthill, Maven, GitHub.

#### Client: Hilton Worldwide, Memphis, TN Oct’13 to Sep’15

**Role: Senior J2EE Developer**

**Responsibilities:**

* Developed and supported a web based application for Hospitality management.
* Designed and developed an efficient internal global search for managing customers, employees, sale, features and etc. using Apache Solr and integrated it to both Mobile and web apps.
* Implemented and integrated flexible Payment gateway options for mobile applications.
* Acted as a primary backend developer handling and enterprise distributed application.
* Implemented reports and Invoice service as a part of work flow management using Apache POI.
* Involved in setup of DynaTrace for JVM profiling and performance monitoring.
* Lead support engineer for supporting backend services.

**Technical Responsibilities:**

* UsedRational Rose todevelop Use Cases, created Class, SequenceandUML diagrams**.**
* Responsible for analysis, design, development and integration of **UI components** with backend using **J2EE technologies** such as **Servlets, Java Beans, JSP and JDBC**
* Responsible for the implementation of various **Ajax Frameworks** and **Java Scripts** using jQuery, JSON.
* Designed and developed user interfaces using **Spring Framework 3.2.2** and Struts2.3.12 MVC **framework, JSP, HTML, JSF, CSS**
* Worked on **Apache Web services** frame work and spring dependency injection frame work for building a gateway of transactions performed.
* Responsible for configuring **JBOSS** Application Server administration activities which involved creating domains, Configuring the domain for weblogic clustering, **SSL**, Database Connection configurations, performance monitoring, etc.
* Worked and Implemented Rules Engine for Workflow management using **Drools**
* Added **Maven** support to existing projects.
* MarkLogic Server design and implementation work, including XQuery and XSLT
* Interaction with Oracle11g database is implemented using **Hibernate**
* Installed and configured the development environment using **JBoss** on Windows NT and LINUX operating systems.
* Used **Spring Batch** in processing large volumes of records including logging/tracing, job processing statistics, job restart, skip and resource management
* Implemented Agile Methodologies such as Scrum, Extreme Programming (XP) and Test Driven Development (TDD)
* Prepared backend procedures, functions, views using native **SQL.**
* Developed **SOAP web services** using JAX-WS and Restful web services using JAX-RS and provided to other external applications.
* **Involved in configuring** Web.xml, Struts-config.xml **and** Tiles-def.xml files**.**
* Developed and **used JSP custom tags** in the web tier to dynamically generate web pages.
* Implemented Stateless and State full Session beans to capture user data and to achieve scalability, memory management and transactions and implemented Business Delegate design pattern.
* Designed and developed an enterprise common logging around Log4j with a centralized log support (**used logger info, error and debug).**

**Environment:** Java, JSP, HTML, DHTML, MQ Series, JBOSS, JQuery, Spring, , Drools SQL, Servlets, Struts, JavaScript, Eclipse, CVS, RUP, Rational Rose, UML, CSS-style sheets, Tiles, Java Beans, JUNIT, Java 1.5, J2EE, SOA, Spring Batch 2.1, Hibernate, Maven.

**Client: CLVR Corp, Denver CO Dec’11–Sep’13**

**Role: Senior Web Developer**

**Responsibilities:**

* Acted as a Lead senior web developer for an interactive ecommerce application.
* Created highly scalable offline and online video conversion library that communicates with AWS S3 service and web services for metadata.
* Developed interactive video player application with an in-built ecommerce application where user can click anywhere in a video to interact and share.
* Implemented and integrated payment gateways and shipping services using third party web services.
* Designed and implemented video analytics and implemented customs metrics for tracking and monitoring user preferences.
* Designed and developed an algorithm for auto tracking and tagging of objects in a video which allows user to interact while playing.
* Developed and integrated video player with Social media services like Facebook, Twitter and etc.
* Involved in design and development of ecommerce business services as restful services for third party and internal application uses.

**Technical Responsibilities**

* Extensively used CCMS-V4 Framework which is developed on **Spring**, **JQuery** frameworks and technologies.
* Used **JSP**, AJAX and JSTL custom Tags to develop User Interface.
* Used **J2EE Design patterns** like Singleton, Service Locator, Session Façade, DAO, DTO and Business Delegate during development.
* Automating HD videos encoding to HD compressed videos to serve on web with added cue points for metadata using Jave on ffmpeg.
* Developed **Restful Web Services** using JAX-RS which were exposed to other applications
* Prepared backend procedures, functions, views using native **SQL.**
* Extensively used **EJB 3.0**, developed Entity Beans and Session Beans for business Logic.
* Developed **Stored Procedures**, **SQL Triggers** and Functions using **PL/SQL**.
* Helped other Team members to test and debug the source code.
* Configured Struts tiles component with **Spring MVC Frame Work**.
* Responsible for design, development , testing and customer delivery associated with POCs and Prototypes of the ConceptWave solution.
* Performed configuration of **Spring Application Framework**
* Used **Rational Clear Case** as version control tool and **Rational Clear Quest** for defect logging.
* Used **ANT** tool to build and deploy the application on IBM Web Sphere Server.

**Environment:** Struts, Spring, JPA, AJAX, WebLogic AS, Java/J2EE, JMS, SOAP, EJB 3.0, Oracle 10g ,WebServices, ANT, XML, XMLSpy, JMS, Eclipse, Agile, OOA, JUnit, Unix, Log4J, Rational Clear Case, HTML, CSS, SAX, JAVA 1.5, JDBC, TOAD

**Client: 3i-Infotech Ltd, India Dec ‘09 – Sep’11**

**Role: J2EE Developer**

**Responsibilities:**

* Single point of contact for a JSF based Framework for an ERP system involving design, development and maintenance.
* Designed and developed Enterprise search engine as a pluggable feature that extracts, transforms and publishes bulk data that is generated on daily basis.
* Implemented internationalization of a web application to support for multiple geographical regions.
* Designed and developed interactive email workflow and approval services for review and processing transactional work flows.
* Worked on migrating a legacy ERP system for Purchase, Sales and Inventory and Finance modules.
* Designed and developed dynamic product customizations feature to an ERP system to address custom need of a business that includes dynamic UI Forms, external validations and business rules.
* Implemented Logging and Auditing for backend data services using aspect programming.
* Designed and developed a code automation tool using Java as a part of framework that helps developers to generate common standard code and also cut down development time by 50%.

**Technical Responsibilities**

* Developed a web-based reporting for credit monitoring system with **JSF, XHTML, JSTL**, **custom tags** and Tiles using **Struts framework**
* Developed web-based customer management software using Facelets, Icefaces and JSF
* Implemented **Ajax** Frame works, jQuery tools examples like Auto Completer, Tab Module, and Calendar and Floating windows
* Configured Struts-Config file for form-beans, global forwards, error forwards and action forwards
* Designed and implemented Report Module (using **Jasper Report** framework)
* Developed Message-Driven beans in collaboration with Java Messaging Service (**JMS**)
* Developing Web Services using **Apache Axis 2** to retrieve data from legacy systems
* Developed Servlets, Action classes, Action Form classes and configured the struts-config.xml file
* Used XML parser APIs such as **JAXP** and **JAXB** in the web service’s request response data marshalling as well as un-marshalling process
* Provided technical and functional fixes for High and Critical issues in production systems. This involved lot of production data analysis in different Database systems and everyday use of SQL
* Planned and implemented various SQL**, Stored Procedure, and triggers**
* Used **Hibernate** to access My SQL database and implemented of connection pooling
* Developed JavaScript based components using **Ext JS** framework like GRID, TreePanel with client reports customized according to user requirements
* Performed building and deployment of **WAR, JAR files on test, stage**, and **production** systems in **Apache Tomcat** application server

**Environment:**J2EE, Java 1.4.2, Servlets, JSP, JDBC, EJB 3, JMS, JQuery, backbone.js, HTML5, JSTL, Icefaces, XML, Spring, Struts, Hibernate, Web Services, Apache Tomcat Server, JSF, EXT JS, JAXB, Jasper Report, JUnit, SOAP, SOAPUI, XML,Apache Solr, JavaScript, UML, Apache Axis 2, ANT, SVN, MySQL

#### Client: ZSL, Chennai, India May’07 – Nov’09

**Role: Developer**

**Responsibilities:**

* Worked as a developer for a web based cross-cloud management console that unifies multiple IaaS provider services like Amazon AWS, OpSource and SoftLayer cloud.
* Designed and developed restful clients and services to communicate with cloud service providers like Amazon AWS, OpSource and SoftLayer cloud using their APIs using apache CFX.
* Individually worked and owned a module with minimal supervision.
* Managing and monitoring cloud services health using custom scripts and libraries.
* Designed and developed billing and payment services consolidating for all cloud services.
* Disaster recovery management for data and services running on cloud by running scheduled backups to multiple geographical regions.
* Designed and developed notifications and subscription services for users to monitor clusters.

**Technical Responsibilities:**

* Worked on Requirement analysis, gathered all possible business requirements from end users and business Analysts
* Involved in creation of **UML diagrams** like Class, Activity, and Sequence Diagrams using modeling tools of **IBM Rational Rose**
* Worked with core **Java** code extensively using interfaces and multi-threading techniques
* Involved in production support and documenting the application to provide training and knowledge transfer to the user
* Used **Log4j** for logging mechanism and developed wrapper classes to configure the logs
* Used **JUnit** and Test cases for testing the application modules
* Developed and configured the Java beans using **SpringMVC** framework
* Developed **SQL** stored procedures and prepared statements for updating and accessing data from database

**Environment:** C++, Java, JDBC, Servlets, JSP, Struts, Eclipse, Oracle 9i, Apache Tomcat, CVS, JavaScript, Log4J

**EDUCATION**

**Bachelor of Engineering in Computer Science, Anna University**

**Diploma in Cyber Crime and Information Security, University of Madras**