**Sahith Kumar**

**Phone: 312-576-2131**

**Email:** [**sahithkumar.23@outlook.com**](mailto:sahithkumar.23@outlook.com)

**Professional Summary:**

**About 8 years** of strong experience in **analysis, design, development** and **deployment** of **Client/Server enterprise /web, n-tier distributed** applications using **core Java/J2EE technologies** and Enterprise Application development.

* Having **8 years** of Object Oriented Programming experience in Client/Server, enterprise/web n-tier
* Distributed applications using Java/J2EE **(JSP, Servlets, JavaBeans), JDBC*,* JNDI, API, SAX, DOM** and **Web Services.**
* Expertise on Object Oriented Designing and Programming concepts, design patterns, design, architecture,

Gathering functional requirements.

* Experience in web design using **HTML5, DHTML, XML**, **CSS3, AJAX, JSON, jQuery,** an**d JavaScript.**
* Experience in application development frameworks like **Spring2/3/4, Struts, Hibernate 2/3/4**and **iBatis Frameworks**

and, validation plug-ins like **Validator frameworks.**

* Experience in **Java8** features like **Lambda expressions**, **Stream API** , **predicate functional interface**, etc.
* Experience in A**gile** approaches, including Extreme Programming, **Test-Driven Development** and**Scrum.**
* Experience in developing applications using **Eclipse**, **IntelliJ IDEA** and **Net Beans.**
* Excellent knowledge with the use of Gang of four design patterns and **J2EE** design patterns like

**Session Factory**, **Singleton, Abstract.**

* **Factory** and **Data Access Object** patterns in the development of Multi-tier Enterprise Applications.
* Experience in implementing web projects using **IBM WebSphere Application Server, BEA WebLogic, JBOSS.**
* Application development experience using **Multithreading, Serialization, Externalization, Collection,**

**Generics** and **Core JAVA**.

* Strong experience with MongoDB development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases like MongoDB, Cassandra and CouchDB.
* Proficient in using **Amazon Web Services (AWS)**services like **EC2**, **Elastic Beanstalk**, **CloudWatch**, **CloudFront**, **Cloud Formation**, **IAM**, **S3**, **RDS**, **ElastiCache**, **SNS**, **SQS**, **AMI**
* Excellent experience in Service Oriented Architecture (**SOA**) using **SOAP, REST, WSDL***and* ***JAXB***.
* Built the modules of the applications using **Spring Boot.**
* **S**trong Experience in working with Databases like **Oracle, MySQL, PostgreSQL, DB2** and **SQL Server** and

proficiency in writing complex **SQL, PL/SQL** for creating tables, views, indexes, stored procedures and

Functions.

* Expertise in build scripts like **Maven, ANT** and build automation.
* Experience in using **Hadoop** technologies such as **Map Reduce**, **Pig** and **Hive** scripting.
* Highly Capable in learning things quickly and good at time management.

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages** | Java8, API, HTML, JavaScript, Shell Script, SQL PL/SQL, Pig, Scala, AngularJS |
| **Java Technologies** | JDK, Servlets, JSP, Java Beans, JDBC, Java Mail, JMS, AJAX |
| **Frameworks** | Spring, Struts 1.X MVC, Hibernate, JSF, XML, XSLT, JAXB, DOM, SAX, HTML, DHTML |
| **Java Development Tools** | Eclipse, RAD 6.0, Edit plus, WSAD, TOAD, SQL Developer |
| **SOA Technologies** | SOA, ESB, Web Services, SOAP, REST, WSDL and UDDI, SOAP UI |
| **Servers** | Apache Tomcat, Web Logic, IBM Web sphere, JBoss |
| **Version Control System** | SVN, GIT |
| **Databases** | MySQL, Oracle, MS SQL Server 2008, MS Access and DB2 |
| **Testing Tools** | JUnit, Clover, Quality Center |
| **Design Tools** | UML Design Methodologies with Rational Rose 2000 |

**Educational details: Bachelor of Technology** Degree in **Computer Science** from Keshav Memorial Institute of Technology, Hyderabad, India.

**Professional Experience:**

**CCC information Services - Chicago, IL March 15 – Present**

**Role: Software Engineer - JAVA**

**Responsibilities:**

* Analysis and understanding of business requirements.
* Effectively participated in weekly client communications with Business Analysts.
* Involved in the architecture team for design and implementation of system.
* Developed application using **Spring MVC**, **JSP, JSTL, CSS, jQuery** and **AJAX** on the presentation layer, the business layer is built using spring and the persistent layer uses **Hibernate**.
* Usage of new features of **Java8** like **lambda expressions** for communicating between business layer and database, **stream** API for Bulk Data Operations on Collections using both streams and parallel streams.
* Added dynamic functionality to the application by implementing **jQuery**, **Node**.**js**.
* Developed Custom Tags to represent data in a desired unique table format and to implement paging logic.
* Developed views and controllers for client and manager modules using **Spring MVC** and **Spring Core**.
* Business logic is implemented using **Spring Core** and **Hibernate**.
* Data Operations are performed using **Spring ORM** wiring with **Hibernate** and Implemented **Hibernate** Template and criteria API for Querying database.
* Deployed **Docker** contained **Spring Boot** Microservices in to **AWS EC2** container service using AWS admin console and used **lambda** to run applications in **AWS** console.
* Developed **REST** based **Web Services** using **XML/JSON** messages that were used by the front end.
* Consumed **SOAP** based web services, created stubs using **Apache Axis**.
* Performed the **ETL** of the data using **Pig** and **Hive** scripts.
* Developed the interfaces using **Spring boot.**
* Hibernate Caching was implemented using **EHCache** to improve the performance.
* Created WAR file to deploy **Servlets, JSPs** and **Web Services** in **BEA WebLogic Application Server 10.3.5**.
* Worked on integrations using **SOA framework**, working with multiple legacy systems.
* Developed and modified database objects as per the requirements.
* Developed Exception handling framework and used **log4J** for logging.
* Involved in **Unit integration**, bug fixing, acceptance testing with test cases, Code reviews.
* Used **Maven** as project management tool.

**Environment**: Java8, J2EE, JSP, Spring 4.0, Hibernate 4.1, JMS, XML, REST, WSDL, AJAX, HTML, JAVASCRIPT, jQuery, CSS, GIT, Log4J, JAXB, Pig, Hive, Hadoop JUnit3.8, WebLogic 10.3.5, AWS, Eclipse Indigo, Oracle 10g, Spring boot.

**Humana Inc - Louisville, KY Jan 13 - Feb 15**

**Project: Order Management Systems for ANS**

**Role: Java/J2EE Developer**

**Description:** ANS (Advanced Net Health Solutions) is a comprehensive order management system for High Volume Pharmacies that manages the dispensing process from the point an order is received until it is shipped to the customer or delivered to the desired facility for distribution. The software allows for a seamless work flow during each step of the process. This efficient system minimizes human intervention, while at the same time provides users comprehensive patient and drug information to ensure high quality service. Worked extensively on the design, development and testing of the policy holder's drugs details based on the prescribed prescription by the physician using JSP, Servlets, Struts, XML, XSLT and JBOSS Server.

**Responsibilities:**

* Involved in gathering requirements and built technical specifications from the requirements.
  + Agile methodology was used to develop the application. Daily Scrum was conducted as a part of this methodology.
  + Used **Spring** modules for building the application based on different design patterns.
  + Performed Inheritance based **ORM** with tables to simplify the data in **Hibernate**.
  + Developed Business logic with the help of spring **dependency injections**, make them as **spring beans** using configurations and spring annotations.
  + Developed SQL queries and executed them by using Hibernate Template provided by Spring.
  + Implemented Spring based declarative transaction management as Spring Aspects.
  + Configured and build Asynchronous communication with JMS services with MQ Series.
  + Developed **HQL queries** to retrieve data using Hibernate. The Data Manipulation operations were implemented using **Hibernate Template** provided by Spring.
  + Used **Hibernate mapping annotations**, interfaces to work with Data base **CRUD** operations.
  + Developed various advices for logging, versioning and caching Spring aspects of the application.
  + Deployed the application on Amazon Cloud (**AWS**).
  + Consumed Web Services (REST) from third party for authorizing payments to/from customers and implemented using JAX-RS.
  + Worked with modules like **mongoose** for database persistence using **NodeJS** to interact with **MongoDB**.
  + Did Packaging and Deployment of builds through Maven scripts and integrated with Jenkins.
  + Used Ajax, JSTL and JavaScript in front end design.
  + Used Log4j for tracking the applications and SVN used for version control.
  + Involved in the code review process and updating the best practices document.

**Environment:** Java, J2EE, Spring 3.5, Hibernate 3.6, REST, Java script, Ajax, AWS, Log4j, SVN.

CSL Tech Ltd. Mumbai, INDIA June 10 – Dec 12

Project: E Learning System

Role: Java Developer

## Description: This is a complete Learning Management System, which caters to learning needs of Organizations and other Educational areas. It has modules giving following facilities. Course creation, setting up Course properties, access management, setting up course environment. Content management with support of multimedia, streaming. User’s registration and enrollment to courses. Management of Users like Course Administrator, Instructor, Students. Complete system having facility to create question banks specific to Courses. Creation of types of Assessments (Tests, Quizzes, and Practice Tests) based on different assessment levels (simple, medium, complex).

**Responsibilities:**

* Analyzing the requirement document and preparing queries for clarification from client.
* Development of Web Layer with **MVC** framework using **Java, JSP, Servlets**.
* Coding for Model and Controller.
* Development of Web application using **Spring Boot** framework based on **MVC** architecture.
* Implemented and configured various Action classes for handling the client requests using **Struts** framework.
* Wrote **Webservices** for sending and getting data from the external interface.
* Automation of **Web Services Testing using SOAP UI 5.0.0**
* Involved in implementing the **JMS** (Java messaging service) for asynchronous communication.
* Involved in using JMS **Queues** and JMS **Topics** for one-to-one and one-to-may communication in the application.
* Was involved in improving the existing design by minimizing dependencies between the layers with the help of design patterns.
* Used **Jenkins** as an AWS code deploys plug-in to deploy to AWS. Experience with **DevOps** methodologies, implementing **CI/CD Pipelines** using tool sets like **GIT**, Jenkins, **Chef** and **AWS**.
* Involved in analysis for Reporting framework.
* Involved in procedures and functions modifications.
* Cross browser issue fixing with **Firebug** and **IE Developer**.

**Environment:** WebLogic 11g, Java, J2EE, Hibernate3, Spring MVC, Spring Web flow, Spring Boot, AWS,JSP, Web Services, SVN

**IndoGlobal Health Sciences Chennai, INDIA Aug 09 - May 10**

**Project: Advanced Patient Management**

**Role: Java Developer**

**Description:** The objective of APM (Advanced Patient Management) is to develop a web based system to monitor the patient condition by the physician by using Latitude devices and to eliminate many office visits by a patient. In-home remote follow-up can increase patient satisfaction and improving physician workflow. The combination of device data with meaningful external sensors can provide an effective means to help manage patient health.

**Responsibilities:**

• Involved in the application development in **J2EE** technology

• Solely involved with the technical architect to design the Proof of Concept for the project, implementing the

Toughest modules in the process and stabilizing the architecture

• Extensive exposure to **Struts framework** and stateless session beans

• Worked with Struts custom tags

• Designed **HTML/JavaScript** Web Page Prototypes for business user approval

• Exposed the service layer of the application to third party vendors via webservices

• Designed **HTML Forms & Frames** and coded JavaScript for input validation

• Was solely involved in the **UML designing** for this project

• Involved in analysis and design of the application

• Designed the class (package), object, use case, sequence, collaboration, state chart, activity, component, and

Deployment diagrams

• Performed unit testing, system testing and Integration testing of my modules

**Environment:** UML, Rational Rose, Java, J2EE, Servlets, JSP, Struts Framework, WebLogic Server and Oracle 10g Database.