**Santhosh Kumar A**

**PROFESSIONAL SUMMARY**

* **Around 11+ years** of IT industry experience in LEAD Java Platforms Phases like Requirement Analysis, Design, Implementation, Testing and Web Based Client Server complex large scale, N-Tier, distributed, real time applications in domains like Banking, Finance, Telecom, E-Commerce.
* Involved in System Architecture, Database Design, Framework Design, Coding and Test Plans. Strong at programming in Java/J2EE, Web Components and Middleware Services/Business Layer.
* Expertise in **JAVA, J2EE, JEE, Struts, Servlets, EJB, JSP, AJAX, HTML, JavaScript and JSTL, JSF, ICE Faces, Spring, Hibernate, XML/XSLT, SOA, Web Services (SOAP/Restful)**, **JUnit/Maven** using services like **JDBC, JNDI, JMS, JAXP** over protocols like HTTP and SSL**.**
* Hands on experience in Front-End Technologies like **AngualrJS, Bootstrap,HTML5, JavaScript, CSS, Tag Libraries and NodeJS and Ext JS**
* Strong at programming in Java/J2EE, Web Components Core Java SE8 concepts like **Streams API**, Lambda Functions, Time API, Exceptional Handling, Collection API and Middleware Services/Business Layer.
* Extensive hands-on development in various Spring components like Spring MVC, AOP, Spring IOC, Spring JDBC, Spring JPA, Spring Securities and **Spring Batch, Spring Boot**, Spring Micro Services, and Swagger API’s
* Highly technical and experienced in leading sizable project teams. Experienced in defining and creating Technical, Designing and Functional documents.
* Collaborated with PM’s and Dev team to identify and resolve issues, coordinate system requirements, and create project timelines.
* Excellent communication, analytical, interpersonal and presentation skills.

**SKILLS**

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| **Computer Languages**  **Frameworks** | Java, JavaScript, C/C++ SQL, PL/SQL, Unix,  Struts 2, Spring Hibernate, Spring Boot, JSP, Servlets, JUnit |
| **IDE** | NetBeans, MyEclipse, Eclipse, RAD, IntelliJ, MS-Visual Studio |
| **Database** | DB2 (Mainframe/UDB), Oracle, MS SQL Server, MySQL, Cassandra |
| **Database Related** | JDBC, PL/SQL Stored Procedures, NoSQL, K-SQL, MongoDB, DynamoDB |
| **Web/Application Servers** | Web Logic, Web Sphere, Tomcat 6, JBoss, Apache Camel, Glass Fish, OpenShift |
| **Middleware** | EJB 2.x/3.x, Web Services, JMS, MQ Series, Confluent-Kafka |
| **Web Technologies** | J2SE, J2EE (Web services, JSF, Servlets, JSP, EJB, JNDI, JMS, JDBC XML, XSLT, WSDL, AJAX, JSON, HTML, DHTML, JavaScript, CSS, AngularJS, NodeJS, |
| **Packages/Tools** | Maven, TOAD, SQL Developer, JIRA, Subversion, ELK, TestNG, JUnit, TOAD, Soap UI |
| **Source Control** | CVS, VSS, SVN, GIT, JIRA, Jenkins, Docker |
| **Cloud Computing** | AWS (Amazon Web Services), AWS IAM |
| **Operating Systems** | Windows Vista/XP/2000/NT, Linux, IOS |
| **Web Skills** | HTML, CSS, JavaScript (jQuery, OOP), XML/XSLT/XPath, Mobile Web Design, MVC 3 |
| **Big Data Technologies** | Kafka |

**PROFESSIONAL EXPERIENCE**

**HARRIS TEETER| Charlotte NC |** Sep 22 – Current

**Lead Java Full Stack**

**Project Information:**

* Used AngularJS to develop Angular Applications that are integrated to the backend API to perform GET/POST data to backend servers and consumed the WSO2 Web Api.
* Developed front-end components with **Angular, HTML, TypeScript, CSS, Bootstrap jQuery, JavaScript**. Implement secure login pages using cookie-based authentication, JWT authentication and SSO to third party applications
* Provide Using Angular created custom directives for data manipulations and to display data in company standard format in UI.
* Created custom, self-contained, reusable, and testable **Angular modules, controllers,** **directives**, and **services t**o implement key functionalities for customer account summary.
* Took part in setting up the routing configuration using Angular Router for various views and sub views.
* Working on Webservices using the WSO2 API for XML services and supporting, building deploying Web APIs services. Configuration Management, Release Management using GIT, Team Foundation Server on UNIX and Windows Environments.
* Wrote database queries, triggers, and stored procedures for updating, inserting and retrieving data. Performed Unit testing for each module, code documentation for business cases.
* Create SSIS packages and Control-M jobs to handle scheduled creation of files.
* Work with Technology Director to accomplish financial objectives by forecasting requirements and schedule support event with users and stake holders.
* Publish software release notes and maintain product documentation.

**USAA - TEK Systems |Phoenix AZ |** April 21 – Sep 22

**Lead Java Developer & Business Analyst Mid**

**Project Information: Marketing Applications - Experience Data Services (XDC)**

* Engaged in all phases of the software development lifecycle which include; gathering and analyzing user/business system requirements, responding to outages and creating application system model
* Stream applications using Kafka APIs and Kafka Stream APIs. Wrote Producer and Consumer API to publish and consume data from topics.
* Implement Kafka Producer / Consumer Applications on Kafka Clusters, retry mechanism before sending to error topic.
* Developed/Implemented Kubernetes manifests, helm charts for deployments
* Setup and maintained Logging/Monitoring subsystems using tools like Elastic Search, Kibana, Prometheus, Grafana and Alert Manager
* Gradle for application build, Gitlab for continuous integration and development, helm to deploy code onto server with branching, tagging, release activities
* Involved in the documentation/play book(s) and serves as a lead technical reviewer and contributor in requirements design and code reviews.

**Wells Fargo | San Leonardo CA |** May 20 – March 21

**Sr Java Developer & Production Support Analyst**

**Project Information: Secure Identity Management Services (SIMS)**

* Refactoring and repackaging SIMS business capabilities as Micro Services independent of the authorized services which include Profiles, List Management.
* Worked on setting up **Maven** scripts to build, package, and deploy application code to the target WebLogic Application Servers and worked on continuous integration servers like **Jenkins**.
* Used **Spring MVC** framework for implementing **Model-View- Controller (MVC)** architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced and maintenance will be very easy.
* Integrated **Spring DAO, Spring Security** for **Authentication and Authorization** of application. for data access using Hibernate.
* Extensively used**JSON** to parse the data from server side to satisfy the business requirement.
* Used **Spring Batch** for processing large amount of data like transaction management, job processing, resource management and logging.
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details etc.

**IHG/TCS | Atlanta GA |** June 19 – April 20

**Sr Java & Lead Kafka Application Developer**

**Project Information: Event Driven Architecture (EDA)**

* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Installed Kafka manager for consumer lags and for monitoring Kafka Metrics also this has been used for adding topics, Partitions.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster and Wrote **Kafka** producers to stream the data from external rest APIs to **Kafka** topics.
* Provide expertise in Kafka brokers, zookeepers, KSQL, K Streams and Kafka Control center. Working knowledge on Kafka Rest proxy.
* Recommend and develop strategy for integrating **internal security**model into new projects with **Spring Security**and **Spring Boot**
* Provide expertise and hands on experience on custom connectors using the Kafka core concepts and API.
* Worked as Onshore lead to gather business requirements and guided the offshore/nearshore teams on project deliverables.
* Implemented Spring Boot Microservices to process the messages into the Kafka cluster setup.
* Coaching Mentoring Functional Managers, Program Team, Product Managers to establish process improvement.
* Scrum Master for Kafka Team across different teams (On/Off Shores).

**AT&T/TEK Systems | Atlanta GA |** Oct 16 – Jun 19

**Lead Java Developer**

**Project Information:** TGUARD/Dev SecOps Applications

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| **Application 1**: The EDAM (Extended Duration Access Manager) is a custom developed Java-based application, used to authenticate/authorize consumer identities accessing AT&T applications. |
| **Application 2:** The WAM (Web Access Manager) component is custom External Authentication Interfaces (EAI) for the att.com domain. Both authenticate users requesting access to applications protected by tGuard’s SSO (Single Sign On) solution for AT&T Customers. |
| **Application 3:** The Biller Migration Project New where in which java module to accept the migration file, parse the data and generate reports of legacy ID collision and retention list and Authentication enhancements for DTV. |

* Involved in the multiple EAI components of T-Guard such as, tGuard External Authentication Interface (EAI) component, EDAM, WAM, nxsEDAM to determine the requirements it implements to provide Access Management/Security for Participating Applications.
* Support testing (Functional, Performance, Access controls), application deployment and maintenance.
* Responsible For Supporting/monitoring production environment including tracking Real-time issues and resolving them.
* Used**Spring Boot** for building application with **Spring initializers** and bootstrapping the build configuration and develop custom solutions that act upon **Jenkins** information.
* Created **REST web-services** based architecture using **Spring MVC** framework.
* Used **Eclipse** IDE for development, configured and deployed the application on to **Tomcat** using **Maven**.
* Used **Spring** at backend which helps to develop applications and tested the responses with **SOAP** UI.
* Worked with the project manager to prepare and maintain the use cases, project plans, test plans and project status reports.
* Deployed the application in **JBoss** Application Server.
* Involved in Design, Development and Support phases of **Software Development Life Cycle**.
* Application development experience using **Collection** framework and **Core Java, Spring, Hibernate, SQL server.**
* Used **Jenkins** for continuous build integration and deployment.

**Ducks Unlimited | Memphis TN |** Aug 15 – Sept 16

**Sr Java Application Developer**

**Project Information:** Conservation Easement Web Application Project is web portal designed to cater easement/finance management for end users.

* Involved in designing and developing enhancements per business requirements with respect to back-end java beans development and front-end using Node JS.
* Wrote **Web Services** using **SOAP** for sending and getting data from the external interface.
* Developed the business layer logic and implemented EJBs Session beans. Interaction with Oracle database is implemented using **Hibernate**.
* Handling dependencies using **spring** configurations and used JPA and Hibernate as the persistent side frameworks.
* Expertise in developing database applications using **Oracle, DB2** and worked on **PL/SQL Stored Procedures, Triggers, Functions, Packages,** Data Modeling and Performance Tuning
* Designed database and normalization for databases in **Oracle 11g** and used the **Stored Procedures** and **Triggers** in the application.

**EXIM Bank |Washington DC |** Jan 15 – Jul 15

**EOL - Lead Java Developer**

**Project Information:**

EOL is centralizing common components to encourage applications to share common components such as security, entitlement, activation, data definitions, UI presentation, business services technology platforms, etc. and enabling better integration across various applications.

* Involved in designing and developing enhancements per business requirements with respect to back-end java beans development and front end JSP development using Struts Migrated the SQL Server stored procedures to Hibernate.
* Developed user interface and custom renderers using JSF. Developed the business layer logic and implemented EJBs Session beans.
* Involved in all stages of testing including authentication testing of user in both backend and front end.
* Handling dependencies using **Spring** configurations and used JPA and Hibernate as the persistent side frameworks.
* Responsible for setting up **Angular** JS framework for UI development. Developed html views with HTML5, CSS3, **JSON and AngularJS**.
* Involved in documentation, review, analysis and fixed postproduction issues and enhancements on change requests.

**Walt Disney World |Florida | Apr 14 – Dec 14**

**Composite Services- Sales and Fulfillment**

**Sr Java Developer**

**Project Information:**

Technical lead for the Level 2 production sustainment team for the WDPR Sales & Fulfillment Composite  
Applications.

* Develop and maintain support tools to expedite support operation and consistent application verification procedures. Responded to service tickets and service requests within established time-based requirements.
* Design and development of a Payments RESTful API with web application security with ava, Oracle SQL, JDBI, Maven.
* Develop new tools for Production Support team and also reviewed Code for Bug fixes.
* Utilized the IBM Web Sphere MQ for asynchronous messaging between components using JMS.
* Provide development support for “Composite” UI applications (A La Carte, LILO UI, SBC, DLP, DVC Wishes, Magical Celebration)

**Manheim | Atlanta, GA |** Jul 12 – Apr 14 **Java Developer- Mid**

**Project Information:**

One of the legacy applications in the company had requirements to migrate the server version, redesign of the web pages with new frameworks and database updates. This system was used to maintain all transaction detail and calculating the entire process.

* Used **Spring** Framework for Dependency injection and integrated with the **Struts Framework and Hibernate.**
* Implemented **Enterprise Java Beans (EJBs)** to interact with the database to update, retrieve, insert and delete values effectively, building, and optimizing **J2EE** applications.
* Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system during the day and periodic scheduled builds overnight to support development needs using Jenkins, Git, JUnit, and Maven.
* Involved in writing Spring Configuration XML file that contains declarations and other dependent objects declaration. Added Maven support to existing projects.
* Development of test parameters, application characteristics and customer acceptance criteria for the application. Developed the application using spring that uses MVC architecture with JSP as the view.