**SREELAKSHMI SUGUNAN**

[***sls.sugunan@gmail.com***](mailto:sls.sugunan@gmail.com)***|+1 415-827-8684***

*https://www.linkedin.com/in/sreelakshmisugunan****|***[*https://github.com/ssugunan*](https://github.com/ssugunan)

**SUMMARY:**

* 11+ years of software development experience encompassing a wide range of skill sets in multiple industry verticals.
* Experience in Core JAVA, JDBC, XML, SOA, Microservices architecture, messaging, Web services SOAP, REST Webservices, SQL, MVC frameworks like STRUTS, Spring and JAVA Design Patterns.
* 2+ years of experience as a Hadoop Developer worked with Kafka, Hive, spark, Zookeeper & HUE.
* Developed microservices application modules using Spring Boot, REST web services API, Kafka Streams.
* Worked on Java 8 features (Lambda Expressions, Streams) SpringBoot (Autowiring, Application event Listeners, YAML files, JdbcTemplate, Annotations) Restful API
* Solid knowledge on Hadoop Architecture and worked on various Hadoop Distributions (Cloudera, AWS).
* Experience using sqoop, writing Hive scripts and hive optimization partitioning, bucketing
* Managing and scheduling Jobs on a Hadoop Cluster using Oozie.
* Worked on implementation of Data Lake and have excellent knowledge on different processes of Data Ingestion, Storage, Governance, Discovery and Visualization.
* Extensive experience in design, developing and maintaining JAVA / J2EE Enterprise applications.
* Performed unit testing using Junit test cases and used Mockito for stubbing.
* Strong database skills, Object Oriented Programming, development and troubleshooting skills.
* Involved in different phases of SDLC (Analysis, Planning, scheduling, Effort Estimation, Design, Development, Testing and Delivery activities) and well versed with Quality Processes & Procedures

**EMPLOYMENT HISTORY:**

**Java/Hadoop Developer | SparkCentral |May 18 - Present**

**Hadoop Developer | Allianz | Nov 15 – May 18**

**Technical Lead |IBM |Jul 06 – Oct 13**

* **Technical lead at NetApp--**lead team managing Java/J2ee Web applications for NetApp IT.
* **Lead Developer at Fireman’s Fund Insurance-**Lead state rollout & new interfaces for insurance application
* **Software developer at Liberty Mutual-** Primary developer in developing a new insurance product line

**Software Programmer | Sun Infosys | Apr 05 – May 06**

**Software Trainee | Pentex System & Services |May 04 – Apr 05**

**TECHNICAL SKILLS:**

**Languages/Web/Frame Work**: Java, J2EE, JSP, Servlets, JDBC, Struts, SOAP, Web Services, Design patterns, XML, JavaScript, ESQL, XSLT, Spring, Spring Boot, JSON, REST webservices, MicroServices, sl4j logging

**Big Data Ecosystem**: Hadoop, Spark Core, MapReduce, HDFS, Hive, Pig, Sqoop, Flume, Kafka, Cloudera, AWS EMR, AWS Stack, Amazon Glue, Cloudtrail , Quicksight, Amazon Athena, Amazon S3

**Middleware Tool**s: MQ-Series 5.3/6.0, WebSphere Business Integration Message Broker 6.0/6.1(WMB)

**IDE & XML Tools**: Intellij, IBM WSAD, Eclipse, RSA, RAD, WebLogic, Altova XMLSpy, Itemfield Contentmaster

**Database**: DB2 v8.2, MS SQL Server 2000

**Version Control**: GIT, BitBucket, CVS and Rational Clearcase

**Quality/Tools**: Jenkins, Dockers, JIRA, IBM’s QMS, Rational Pro, Service Now, Waterfall, Agile Methodologies

**EDUCATION/ AWARD/ CERTIFICATION:**

* Bachelor of Technology in Electronics & Comm. Engineering 2004 Mahatma Gandhi University Kerala, India
* Received IBM Bravo Award, SCJP

**PROFESSIONAL EXPERIENCE**

**Java/Hadoop Developer SparkCentral, SFO, CA May 2018 – Present**

Customer Engagement Portfolio is based on the idea of Event Sourcing which treats all changes in a system as a sequence of events which are considered to be source of truth and the main data store.

**Responsibilities**:  
• Involved in complete SDLC of project includes requirements gathering, design documents, development, testing and production environments sprint cycles of 2 weeks.  
• Developed application modules implementing RestfulAPIs and workflows using Spring Boot.

• Involves in Sprint planning for the estimation of efforts for user stories and bugs.

• Worked on implementing permission using auth token for medium channels for microservices applications.  
• Detailed knowledge in Kafka multitenant cluster, topics, producers, consumers and partitions.

• Implemented quartz scheduler to create triggers and jobs in clustered environment.

• Worked on creating Kafka customer to ingest and process data on creating agile crm notes.   
• Executed mockito test cases by docker and carrying out Code reviews to ensure quality deliverables.  
• Involved in Agile methodologies, daily scrum meetings, sprint planning.  
**Environment**:Java8/9, J2ee, Kafka, Nodejs, Graphql, js, php, Cassandra, Kafkastreams, Restful API, mysql, Jira, Jenkins, Gradle, IntelliJ, Loggly, Datadog, AWS, Spring boot 1.5.8, Dockers, Spring(4.3.2) Zookeeper, EC2, S3,slf4j.

**Hadoop Developer Allianz, Petaluma, CA Nov 2015 – May 2018**

The project scope was to build data lake for implementing operational reporting of commercial business across organization. As part of this project, we ingest data from systems like Claims Legacy Mainframe System, and transactional data and process it and store in HDFS for downstream reporting and Analytics.

**Responsibilities:**

* Working with business and IT stakeholders in identifying the driving use cases.
* Working very closely with Architecture and involved in POC for feasibility study on premise and cloud environment (AWS EMR, S3, Glue, Cloudtrail, Athena).
* Worked on Hadoop cluster scaling from 4 nodes in development environment to 8 nodes in preproduction.
* Building data pipe line to ingest claims data from mainframe systems.
* Imported data using sync sort spark mainframe connector and spark connector to load mainframe data to spark data frames.
* Migration of agency, Policy, Enterprise Customer data in to Hadoop Cluster from relational database.
* Developed a data pipeline using sqoop, Spark and Hive to ingest, transform and analyze data.
* Responsible for design of Hive tables and worked on performance optimizations like Partition, Bucketing.
* Extensive knowledge of creating managed tables and external tables in Hive
* Responsible for writing Hive Queries for analyzing data in Hive warehouse using Hive Query Language.
* Experienced with handling different optimization techniques in Hive joins.

**Environment**: Hadoop 2.x, YARN, spark, Hive, HUE, Sqoop, Oozie, Putty, Kafka, Java, Eclipse, zookeeper.

**Technical Lead NetApp, Sunnyvale, CA April 2012 – Aug 2012**

NetApp-Mosaic is a set of J2EE application, based on intranet and Internet.

**Responsibilities:**

* Analyzing the issues, identifying problem trends and ensuring the implementation of corrective actions with the proper RCA, suggesting the design changes and new enhancements basing on the inputs.
* Providing technical leadership and guidance to the team in the areas like advanced J2EE frameworks, middleware (Weblogic Server) technologies and CMS (Content Management System) tools to expedite the application development process.
* Daily Task assignment, monthly production build release activities and point of contact for onsite and offshore team. Monthly project report and ticket analysis reports.

**Technical Lead Fireman’s Fund, Novato, CA July 2009 – March 2012**

**Integration System:**

Integration layer consists of ESB on IBM WMQ/WBIMB architecture that exposes applications on MQ and Http layer as a web service. Integration system had 40+ systems that supported real time and batch transactions.

**Responsibilities:**

* Worked as Onsite Technical lead in the customer facing role coordinating onshore and offshore team.
* Involved in the cross team design planning and architect meeting and review and approve designs.
* Estimate effort & analysis of requirement, lead for Integration application for Incident, RFI & PCR process.
* Supporting ST / SIT / UAT testing phase and Upgrade activities, second level production support activities such as analyzing, fixing, testing defect.

**Environment:**

DB2, WBIMB6.0/6.1, Websphere MQ 6.0, XML, XSLT, SOAP web services, Informatica/Content Master V 4.3/8.6, Altova XML Spy, Java, ESQL, WSDL, Message Set, iLog, JAXRPC, RFHUtil, SOAPUI

**System Engineer Fireman’s Fund, India Mar 2008 – Jun 2009**

LossFocus is a web based loss analysis tool that provides pre-formatted, Adhoc reporting and graphs. LossFocus is built based on java/j2ee for the front end, SAS for reporting and DB2 for data storing

**Responsibilities:**

* Primary java support for the application, responsible for Estimation, Design, Coding, Testing.
* Handling the production support for the application, Client Interaction, CR Process.
* Monitoring the Database loads, handling the quality processes like RPM, PCB, Change Request etc.
* Implementing WebTrend, Upgrade project to WAS 6.1 Design Framework for Interface in WBIMB.

**Environment:** JDK 1.4 JDK 1.5, JSP 2.0, Servlets, Websphere 5.1, 6.1 WSAD 5.1, Log4j, IBM DB2 v8, Clearcase.

**Java/J2EE Developer Liberty Mutual, India Jul 2006 – Feb 2008**

PARIS is a Property & Casualty Insurance project for Liberty Mutual. It is a swing based front end and RMI technology to abstract business logic. IBM IAA is working as an Interface between BRs and JAVA.

* Deliver new and complex high quality solutions to clients in response to varying business requirements.
* Work with BA in translating BRs into FRDs and to Detailed Design Documents and test req matrices.
* Analysis of Defects, providing appropriate solutions, Testing of Defect and Deliver to Customer
* Coordinate with Onsite team for the offshore queries

Development of one of the Line of Businesses, defect fixing, training Activities

**Recognition:** Winner of IBM Bravo Award for Delivering Complex Enhancement with expertise

**Environment:** JDK 1.4 Applet, java Beans, Struts, JSP 2.0, Servlets, WebSphere 5.1, WSAD 5.1, Web services

**Software Engineer J&J Rubbers, India April 2005 – May 2006**

The project was to design a website for the company J & J Rubbers.

* Design and coding of Administrator module and user interface.
* Supporting ST / SIT / UAT testing. Monitoring & supervising application training.

**Environment**: JSP, JDBC, Dream weaver, MS SQL Server and Weblogic

**Software Trainee KP Sanghvi, India May 2004 – Apr 2005**

The project was the development of the software for business management of KP Sanghvi Group Mumbai.

* Involved in the development Servlets to process the business logic
* Unit testing of the project, supporting ST / SIT / UAT testing phase.

**Environment**: Servlets, EJB, JSP, Applet, JDBC, SQL, Weblogic 8.1, Dream Weaver, Eclipse