

## SRINIVAS REDDY ALLURI

Java Hadoop Developer | Sr. Software Engineer at Verizon

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### Professional Summary

- Software Engineer around 5 years of large scale distributed systems development experience.
- Adhere to agile best practices like **Test Driven Development, Continuous Integration** and **Refactoring** in DevOps model.
- Skilled in Hadoop tools like **HDFS, YARN, MapReduce, Sqoop, Flume** and **Oozie**.
- Knowledge of **Spark, Kafka, Pig, Hive, Elasticsearch, Splunk** & related Big Data Technologies.
- **Machine Learning and Cybersecurity enthusiast.**
- Adept communication and interpersonal skills with substantial background in working under progressive and challenging environments.

### Technical Expertise

<b>Programming Languages</b>	Java, PHP, JavaScript and Python
<b>Bigdata Tools</b>	HDFS, MapReduce, YARN, Flume, Sqoop, Oozie, Hue, Zookeeper, Spark, Kafka, Hive, Pig, MRUnit and Splunk
<b>Hadoop Distributions</b>	Cloudera and Apache
<b>Databases</b>	MySQL, Oracle 11g and MongoDB
<b>All Frameworks</b>	Java Web-Services, Servlets, JSP, JUnit, CodeIgniter and JPA
<b>Front end technologies</b>	HTML5, CSS3, jQuery, Bootstrap and AngularJS
<b>Development Tools</b>	Eclipse, Netbeans, JetBrains, Putty, SQL Developer, Git, SVN, Sonar, Ant, Maven, Nexus, Jenkins and AWS
<b>Operating Systems</b>	Windows and Linux
<b>Web/Application Servers</b>	Apache, Tomcat and Weblogic

### Work Experience

Company	Designation	Period
<b>Verizon Data Services India, Hyderabad</b>	Senior Software Engineer	Feb 2014 - till date
<b>Tech4sys Software Solutions, Hyderabad</b>	Software Engineer	May 2011 - Jan 2014

**Security and Compliance Monitoring (SCM)****Jan 2015 – till date****Hadoop Java Developer**

SCM Services help enterprises control costs, improve risk insight, enhance decision making, and drive fast remediation for day-to-day security operations to give a better understanding of risk. It extracts actionable intelligence from the plethora of event logs collected. It leverages multiple sources of intelligence to identify threats in a given environment and manages security devices to mitigate the risk. It helps organizations to have one consistent view of their security posture across geographies.

- Works with product and engineering team members to define and develop new product concept and features.
- Development of log processing engine with Spark, MapReduce and Hive.
- Writes Unit test cases using JUnit and MRUnit testing frameworks.
- Built prototypes with Core Splunk, Hadoop Connect and Splunk SDK for various use cases.
- Configuring Oozie workflows for job Orchestration.
- Usage of Sqoop to import data into HDFS from MongoDB database and vice-versa.
- Import clients' server, device and network logs into HDFS using Flume and Kafka.
- Optimizing the Hive queries using Partitioning and Bucketing techniques, for controlling the data distribution.
- Involved in Installing, Configuring Hadoop Eco System using CDH5 Distribution.
- Works in a Scrum team of 17 members

**Universal Identity Services****Feb 2014 – Nov 2015****Hadoop Java Developer**

UIS helps you to give your legitimate users secure access to systems, applications, and sensitive information so they can complete work from any device, at any time, with less risk. We take the complexity out of managing access with UIS, which uses multiple methods of authentication to verify user identities before they can access your IT infrastructure. This enables you to quickly and easily pair passwords or codes with devices for secure login and access.

- Interact with product owners and architects to define, design and develop new features.
- Written jobs to reveal end user authentication and usage patterns dashboard by leveraging Apache YARN and Hive frameworks.
- Used Oozie workflow engine to manage interdependent Hadoop jobs and to automate series of MapReduce, Hive and Sqoop jobs.
- Responsible to manage data coming from different sources and involved in HDFS maintenance and loading of structured and unstructured data with Flume.
- Built decoupled and service-oriented middleware software and platforms using JAX-RS.
- Implemented API monitoring application using Splunk.
- Mentored juniors for API and UI layer design and development.
- Worked in a Scrum team of 13 members

**Maventus** ([www.maventus.com](http://www.maventus.com))**Apr 2013 – Dec 2013****Java PHP FullStack Developer**

Maventus has a social media software platform to store, share and access photos, video and audio assets specifically for social media. Manage all digital content, campaigns and social media post publishing from one integrated platform. It's the next generation social media business tool and ideal for SMB and social media marketers.

- Collaborated with client, project lead and team members to defined and develop application features and functionalities.
- Integrated AuthorizeNet and PayPal payment gateways.
- Worked on Facebook graph API and Twitter API to post multimedia content.
- Coordinated with business customers to gather business requirements. And also interact with other technical peers to derive Technical requirements.
- Programmed in Java (JAX-RS and JPA) to serve the API request from PHP web portal.
- Worked in a team of 5 members.

**JobCoconut** ([www.jobcoconut.com](http://www.jobcoconut.com))**Aug 2012 – Dec 2013****Java PHP FullStack Developer**

Job Coconut will provide an environment that brings recruiters and employers together with jobseekers who are looking for a career in Europe. It helps employers and recruiters get their job openings to the candidates they want their job to seen by.

- Fused with project lead and team members to design and develop application features and functionalities.
- Incorporated Single-Sign-On with Facebook, Google, Twitter and LinkedIn.
- Designed and Developed API(JAX-RS) for jobseeker, employer and portal admin.
- Included PayPal payment gateway to accept payment from recruiters.
- Tuned MySQL database queries for application performance.
- Involved in all phases of software development from application design to deployment.
- Designed database and provided architecture for entire portal.
- Worked in a team of 4 members.

**SnazzIt** ([www.snazz.it](http://www.snazz.it))**Feb 2012 – Dec 2013****FullStack Developer**

SnazzIt is a social discovery site for products, where users can create, share collections, follow stores, and set price alerts, while SnazzIt automatically searches the web for lower prices while the user shops online.

- Developed admin and customer portal using Java (JAX-RS and JPA), PHP and MySQL.
- Written jobs to crawl the public pages and google API for best price match.
- Worked in a team of 3 members.

**FullStack Developer**

PlanLab helps people create a marketing plan via online software that guides them through 6 stages of writing a marketing plan, asking dozens of questions and letting them save their answers as they go.

- Worked with project lead design and develop customer and admin portal with LAMP platform.

**FullStack Developer**

The Squash Portal is the tournament system of Danish Squash Federation. It provides the most comprehensive match coverage, statistics and various reports including tournament scheduling and player rankings.

- Designed entire tournament scheduling and players ranking module.
- Developed application by using PHP, MySQL, HTML and JavaScript.

**Academic Information**

- B-Tech (Computer Science and Engineering) from Ramappa Engineering College affiliated to JNTU Hyderabad with 65.3% during 2007-11.
- Intermediate (M.P.C) from Mathrusri Junior College with 92.7% during 2005-07.
- SSC from Siddartha High School with 78.6% in the year of 2005.

**Certifications/Independent courses**

- Apache Spark Fundamentals – Bigdata University
- M101J: MongoDB for Java Developers - MongoDB University.
- Big Data Hadoop Fundamentals – Bigdata University
- Oracle Certified Java Developer for J2SE-6.0.
- Cyber security and Its Ten Domains - University System of Georgia through Coursera.

**Awards/Achievements**

- INNOVATION award for "API Monitoring Application" in Splunk Hackathon OCT-2015
- ON-THE-SPOT award twice for "Gmail bypass Feature Development" and "Outstanding Performance" in JUL-2015 and NOV-2014 respectively.
- Promoted to Band 4 within a year of employment with Verizon.

**Personal Information**

Name	:	SRINIVAS REDDY ALLURI
Languages Known	:	English, Hindi and Telugu
Hobbies	:	Cricket, Net browsing and self-learning through e-courses