

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

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

Work Experience

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

Log Management:-

(Jan 2015 – till date)

Log management micro batch jobs aggregates data from customer devices which are monitoring and perform a variety of correlation techniques to integrate different sources, in order to turn data into useful information. These correlated events will be analysed to notify recipients of immediate issues. Alerting can be to a dashboard, or sent via email.

- Works with product and engineering team members to define and develop new product concept and features.
- Import clients' server, device and network logs into HDFS using Flume and Kafka.
- Performs analysis on logs to uncover insights and alert on critical events with the help of Spark, MapReduce and Hive.
- Developed Unit test cases using Junit and MRUnit testing frameworks.
- Integrated scheduler with Oozie work flows to get data from multiple data sources parallel using fork.
- Usage of Sqoop to import data into HDFS from MongoDB database and vice-versa.
- 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)

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.
- Developed end user authentication patterns dashboard by leveraging YARN and Hive.
- 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-WS.
- Implemented API monitoring application using Splunk.
- Mentored juniors for API and UI layer design and development.
- Worked in a Scrum team of 13 members

Projects - Tech4sys Software Solutions

Maventus (www.maventus.com):-

(Apr 2013 – Dec 2013)

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):-

(Aug 2012 – Dec 2013)

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):-

(Feb 2012 – Dec 2013)

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.

PlanLab(www.getplanlab.com):-

(Jan 2012 – Dec 2013)

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.

SquashPortalen (www.squashportalen.dk):-

(May 2011 – Feb 2012)

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.

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
Gender	:	Male
Hobbies	:	Cricket, Net browsing and self-learning through e-courses