SRINIVAS REDDY ALLURI

Senior Bigdata Engineer at Kogentix Inc
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Professional Summary

➢ Passionate Software Engineer with 6 years of software development experience, last 3 years, mostly playing with Bigdata components like **Hadoop HDFS, Spark, MapReduce, Hive** and **Sqoop**.
➢ Knowledge of **Data Structures** & **Algorithms** and Enthusiast of **Cyber Security** & **Data Science.**
➢ Adhere to agile best practices like **TDD**, **CI** and **Code Refactoring** in DevOps model.
➢ Quick at acquiring of modern technologies and ability to work in a team as well as individual.

Skills Summary

Proficient	Spark, HDFS, YARN, MySQL, Scala, Java
Comfortable	MapReduce, Hive, Sqoop, Oozie, Docker, Hue, Python, Thrift Server, Amazon S3, Cloudera Manager, JavaScript, PHP, Oracle 11g, JAX-RS, JUnit, MRUnit, Antlr 4, Linux, Maven, Gradle, IntelliJ, Git, SVN, Web Development
Familiar	HBase, Flume, Cloudera Livy, MongoDB, Splunk, Kafka, Amazon EMR, Sonar, Nexus, Jenkins, SBT

Company – Kogentix Inc (Senior Bigdata Engineer)   Feb 2017 – present

My responsibilities in Kogentix, includes but not limited to
- Works in scrum a team of 7 for client project **to migrate on premise application to Azure cloud** environment and exploring tools like **Docker** and **Azure Batch Services**.
- Contributes to the design and implementation of in-house products using **Spark** and **Hadoop**.
- Internally trained 30+ people (fresher and experienced) on Bigdata technologies so far.

Company - Model N India (Senior Member Technical Staff - I)   Jun 2016 – Jan 2017

Project: Revenue Management Cloud   Role: **Hadoop Spark Developer**

Model N's Pharma RMC suite enables customer to maximize revenue and minimize compliance risk across their product portfolios, customer channels, and geographies.
- Written **Hive Generic UDFs** to implement customized functions in **Spark SQL**.
- Involved in **setting up Hadoop cluster** using Apache components for Dev and QA.
- Rewritten **Oracle SQL** to ANSI SQL compliant **ANTLR v4** grammar utility.
- Tuned jobs performance in data pipelines with the help of YARN web UI.
- Owned **data flow pipeline** for RCP number calculation for 5i drugs in **Amazon EMR** infra**.**

Company - Verizon India Pvt. Ltd (Senior Software Engineer)   Feb 2014 – Jun 2016

Project: Universal Identity Services   Role**: Hadoop Spark & Java Developer**

UIS helps customers to provide various authentication methods to verify user identities to systems, applications, and sensitive information so they can work from any device, at any time, with less risk.
- Worked in **scrum team** of 13 to define, design, develop and deploy product features.
- Written **MapReduce** and **Spark jobs** to reveal end user authentication and usage patterns.
- Added Unit test cases with **JUnit** and **MRUnit** for Spark and MapReduce jobs respectively.
- Deployed API monitoring portal using **Splunk engine and REST API** as part of Hackathon.

- Used **Oozie workflow** engine to orchestrate various **data pipelines** in cluster.
- Developed POC with **Spark Streaming** for **Telephone Denial of Service** protection module.
- Optimizing the **Hive** queries using Partitioning and Bucketing for boosting query performance.
- **Mentored juniors** in technically and functionally to accomplish their day to day tasks**.**
- Involved in **Hadoop Eco System** installation and configuration over 40 nodes using CDH5.

Company - **Tech4sys Software Solutions (Software Engineer)**	**May 2011 - Jan 2014**

In tenure with Tech4sys worked with various customers, project leads and team members to defined and develop application features and functionalities. Brief of my roles and responsibilities included,
- Involved in all phases of product development **from an inception to deployable service**.
- Codes in **Java** and **PHP** by keeping an eye towards code abstraction and reuse with OOP.
- **Designed database schema** and provided **end to end architecture** for a jobcoconut.com.
- Programmed in **JAX-RS** and JPA to serve the API request from web application.
- Integrated **Single-Sign-On** and **Payment Gateways** for portals login and purchase modules.
- Boosted database queries performance by playing with indexes in **MySQL**.
- Deployed applications using **AWS** cloud products like **S3, EC2, Auto Scaling** and **Elastic Load Balancing.**

Academics

➢ B-Tech (Computer Science) from JNTU Hyderabad affiliated college with 65.3% during 2007-11.

Projects:

1. **GSM Shop** is dedicated e-commerce application for mobiles and mobile accessories with improved shopping experience to buy the item quickly with provided filters on specifications, usage type and budget.
   Contributions : Application & Database Design, Search & Product module Development

   Technologies : PHP, JavaScript, HTML, CSS and MySQL

2. **College Administration** is useful for office administrators to populate various general purpose certificates for student using their details in the database quickly and correctly with the help of predefined templates configured for each type of certificate.
   Contributions : Application and Database Design, Authentication & Dashboard Development

   Technologies : C#.Net, JavaScript, HTML, CSS and SQL Server

Certifications/Independent courses

➢ Certified Developer on Apache Spark – Databricks and O'Reilly
➢ Functional Programming Principles in Scala– Coursera
➢ M101J: MongoDB for Java Developers - MongoDB University.
➢ Oracle Certified Java Developer for J2SE-6.0.
➢ Cyber security and Its Ten Domains - University System of Georgia through Coursera.

Awards/Achievements

➢ Part of the **top 5% StackOverflow answerers** in **Apache Spark** and **Hadoop** technologies.
➢ INNOVATION award for "**API Monitoring Application**" in **Splunk Hackathon OCT-2015**
➢ ON-THE- SPOT award for "Gmail bypass Feature Development" JUL-2015
➢ ON-THE- SPOT award for "Outstanding Performance" NOV-2014
➢ Promoted to Band 4 within a year of employment with Verizon.
➢ Participated and organized various technical and cultural events at college level.

"You never fail until you stop trying!" - **Albert Einstein**