Sai Srinath Josyula

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Career Summary:

Software Development professional with **2 years' experience in IT industry**. Worked on a product called Finacle for over 1.5 years. Graduate Student looking for opportunities in **Software Development and Big Data Analytics.** I have hands-on experience on projects like **Java, Python Development**, **Django, AWS, Google Cloud**, **Spark-ML, Graphx, Streaming, SQL, Ambari, Kafka, Flume, Hadoop and Spark Administration On VM, Full Stack Web development.**

Education:

Master's in Information Technology   **Jan 2017- Dec 2018**
Arizona State University, AZ.
CGPA: **4/4**

Related Coursework:

Analyzing Big Data, Advance Data Analytics, Cloud Computing, Advanced SQL Techniques, System Administration of Unix, Software Engineering, Networking, Algorithms and Data Structures.

Skills and Abilities:

Languages: **Java, Python, Scala, SQL, C, Bash Script.**
Web Technologies: **HTML, XML, JavaScript, jQuery, Bootstrap, CSS, JSON, Django, JSP, JSF**.
Modules and Compo   **Spark-ML, GraphX, Streaming, SQL, Kafka, Flume, Ambari, HDFS.**
Platforms and Tools   Linux, Windows, MS Office, Eclipse, Pycharm, IntelliJ, AWS, Cygwin, Putty, BigQuery, AppEngine

Projects:

- **Analyzed Big data on cloud**. Main aim of the project was to find duplication of questions from Quora question pairs. I have Used **Scala** for analyzing data and created **Spark clusters on AWS**. **Data Visualization** was done using **Amazon Quick Sight and Tableau**.
- **Administration of Hadoop** on **VM using Hortonworks Distributions**. I have setup **Hadoop ecosystem** on a **4-node cluster** on VMware workstation 14 pro.
- **Twitter-Review Analysis:** Main aim is to provide review analysis of place, food, events etc. through charts. Used Django to provide user interface. Deployed application on **Google App Engine**, used **BigQuery** to store Tweets. **Google Data Studio** to Visualize data. **Technologies**: **Python, Django, Google App Engine, BigQuery, Google Data Studio.**
- **Multi-Threaded webserver**: Main aim is to handle multiple request at once. Deployed the application on **AWS**. I have used Wireshark to capture network traffic. **Technologies: Java, AWS, Networking.**
- **SpamHam Analysis:** Main aim of the project was if an email is spam or ham using Spark ML techniques. Built ML pipeline using Spark libraries. **Technologies used are Spark, Scala, Spark ML**
- Built **a Meetup portal** for ASU polytechnic campus using which students and faculty can organize meetings and share their knowledge. Technologies used **JAVA, JDBC, Servlets, HTML, CSS, JavaScript.**
- Built a fully functional portal for Photo-voltaic Module certification using **Python, Django framework**. Used MSSQL as database and implemented **Stored procedures, Cursors, Triggers, Views, Dynamic SQL**.
- **Hosmer Medical Analysis**: Using ML pipeline Techniques analyzed if a patient had breast cancer. **Tech**: **Spark, Scala.**

Work Experience: (Software Engineer)

INTERNSHIP: Infosys, Mysore.   **Dec 2014 - April 2015**

- Trained in Infosys, Mysore for 5 months on Java, Database Management, Software Engineering, HTML5, CSS3, Java Scripting and Finacle. Completed a Full Stack Web Development project as a part of the training.

Infosys and EdgeVerve: **Apr 2015 - Dec 2016**

- Part of Edge Verve, Finacle. It is a banking product developed by Infosys. My work involved **development of Finacle Treasury enhancements**, **moving configuration of app sever to database** which enabled FT manager.
- Support of custodian account for securities Buy/Sell, Repo and Equity/MF deals and quick setup which automates the setup of various screens like scheme details, swift messages.
- Worked on **Unix and Database** for an application called Finacle Treasury.

Part Time Experience: **Jan 2018 - Dec 2018**

- **Graduate Service Assistant** for Front End Web development subject. This subject deal with **HTML5, CSS3, Bootstrap, JavaScript and JQuery.**