Sai Srinath Josyula

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Career Summary:

Software Development professional with 6 years' experience in IT industry. Hands on experience in designing and developing production level software systems at scale.

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.
Web Technologies:	HTML, XML, JavaScript, jQuery, ReactJS, Bootstrap, CSS
Big Data:	Spark, MapReduce, Kafka, HBase, Hive, Oozie
API Related:	Spring, ReactJS, GraphQL
Others:	Jenkins, XLR, Docker, AWS, Google Cloud, Maven, Kubernetes, Event Engine

Masters Projects:

- 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.
- 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.

Work Experience: (Software Engineer)

Full Time: Infosys and EdgeVerve (Supervisor: Usha G)   **Dec 2014 - Dec 2016**

- Building Restful webservices using java and spring with Cassandra as backend database.
- My work also involved in development of Finacle Treasury enhancements, moving configuration of app sever to database.

Full Time: Impetus: (Supervisor: Ashish Agarwal)   **Jan 2019 -May 2020**

- Part of Batch processing team which primarily works on processing huge chunks of data by writing complex MapReduce, Spark applications using Java, Scala and Python as programming languages.
- Extract data from source Hive tables and run drool rules and load them to HBase tables. Have developed shell scripts which can archive the batch data. Have Developed Oozie scripts to schedule jobs.
- Developed a standalone java application which can read data from Hive and HBase table and push them to Kafka in required format. Application is triggered using a job scheduler called Event Engine. Developed Kafka consumer to consume and test.
- Expertise in using build tools like Maven and Gradle. Have used XLR to control the entire Software Life Cycle.

Full Time: U.S Bank: (Supervisor: Bijulal Gopinathan Nair)   **May 2020- Present**

- Part of API Development team whose primary work it to create microservices and deploy them on Kubernetes environment.
- Have good hands on experience building microservices using java, spring, GraphQL and with backend as Cassandra.
- Expertise in building different API's like composite, Atomic, Edge and GraphQL.
- Developed several GraphQL Scalars to support Cassandra, yugabyte datatypes.
- Completely Automated the code deployment process of creating sonarqube project, fortify project, creating Jenkins job, triggering a build by calling respective Restful webservices.
- Developed a utility which can push different structure of payloads to multiple Kafka topics seamlessly using java.
- Developed reactive webservice which interacts with Graphql, Cassandra and runs drools rules.
- Developed security framework which generates JWT for consumers and later validates it when used on individual API resources.
- Developed Custom Circuit Breaker Logic which can be hooked into any API as dependency. This feature currently is utilized in over 100 APIs in U.S Bank.
- Completely automated GraphQL scheme file generation, GIT project creation, Jenkins job creation using Java and REST APIs.
- Currently working on developing Caching framework in java which will be used for our APIs.