

Work Profile

Name: - Sharad Wayal
B.E

Skillsets / Expertise

Total Work Experience (Yrs) : 4+

a. Skills / Experience / Exposure

- i. Developing web application using Java, spring, hibernate, JDBC template, MySQL, HTML, CSS, JavaScript etc.
- ii. I have knowledge about big data technologies like cloudera distribution, Hadoop, Hive, Spark, NiFi, Kafka, Zookeeper etc.
- iii. Worked on Restful web services using Spring Rest.
- iv. Able to convert functional requirement to technical code.
- v. Good in writing SQL queries on MySQL and Oracle.
- vi. Able to write Joins, sub query, stored procedure etc.
- vii. Writing CSS, Designing Web pages and JavaScript
- viii. Microservices

b. Experience / Exposure

c. Achievements

Work Experience

1. Project : - TI Feed (Threat Intelligence Feed)

This project downloads blacklisted text files from various URLs and parse it and collects feeds such as IP, Domain, Email and Hash. Update each feed with location details, calculate malicious score for each feed and set it, remove whitelisted and duplicate feeds, create csv for each type of feed and then create zip of all csv files. Finally create new partition for each day and store data in that partition and delete 90 days back partition.

My responsibilities in the project include: -

1. Understand requirements and coding
2. Project configuration on server
3. Deploy

4. monitor memory utilization of application
5. optimise memory usage
6. Enhance speed of processing.
7. Tech used: -
 - a. Spring MVC, Java, MVC, Redis, Multi threading, XML based configuration, MySQL, MySQL partition, Log4j, Task scheduler

2. Project: - TriageCore Spark

NiFi receive logs from HP Archsight logger, parse it into threat object and send it to kafka topic. then project receive threat data from kafka topic and process it. In this project we calculate five types of score in five steps and finally we calculate final score w.r.t five score. Matched this data with rules created by another UI application. If matched then send email to the mentioned email ids.

My responsibilities in the project include: -

1. To understand requirements
2. Coding
3. Consume data through logger
4. parse it
5. send to kafka
6. Monitor data flow rate
7. avoid data loss
8. Tech Used: -
 - a. Spark
 - b. Zookeeper
 - c. Kafka
 - d. NiFi
 - e. Java
 - f. MVC
 - g. Redis
 - h. XML based configuration
 - i. MySQL
 - j. Log4j
 - k. Task scheduler

3. Project – SimMvc

In this application we shows threats matched with rules in Triage Core application, average score, Graphs for analysis, threat according to time. We can also create rules from these application and many more.

My responsibilities in the project include: -

1. To understand requirements
2. Coding
3. Create UI
4. responsive pages with HTML
5. JavaScript
6. Bootstrap
7. Tech used: -
 - a. Java
 - b. Spring MVC
 - c. Hibernate
 - d. MySQL
 - e. JavaScript
 - f. JSP
 - g. HTML
 - h. Bootstrap.