



# Suraj R Kulkarni

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## CAREER OBJECTIVE:

To perceive a career in a renowned firm with dedicated efforts and to associate myself with an organization that gives me chance to update my knowledge.

## TECHNICAL SKILLS:

- Programming Languages : Java, Python, Shell Scripting.
- Java Technologies : Core Java, J2EE, JSP.
- Database : MySql.
- Web Technologies : HTML, CSS, Java Script.
- Big Data Technologies : Hadoop, HBase, Sqoop, Flume, Kafka, Spark , Ambari.

## WORK EXPERIENCE:

- Worked at Sarvamoola services and solutions, Bangalore. From feb 2019 to may 2019.
- Working as Software Engineer at Tarsha Systems Bangalore since June 2019
- Worked at CAIR (Centre Of Artificial Intelligence and Robotics) DRDO as client location since Oct 2019 to march 2020

## PROJECTS:

### SIM OTA

- This is over the air technology for sim provisioning.
- We are developing the command packet and application protocol data unit(APDU) for sim provisioning.
- The programming language used for this project are java, python, html, css, javascript.
- This project is under developing.

## TRAFFIC ANALYSIS USING BIG DATA

- This project is developed in DRDO and is a part of Indian Navy project.
- This is an where there are some use cases which should be satisfied for traffic analysis of the Ships.
- We will store the raw data into Hadoop and Hbase through ETL.
- There are use cases like Intelligence Report, Naval Track Analysis, Vessel Engagement Analysis.
- We have to select the area, start time, end time for the Analysis to get the specific output.
- Designing, creating, testing and maintaining the complete data management & processing systems.

## BIG DATA INSTALLER

- This project is developed in **DRDO** and is a part of Indian Navy project.
- Here the big data tools like Hadoop, HBase, Spark, Zookeeper, sqoop are Installed by running shell scripts, this is installed for standalone node and in cluster of nodes .
- On single click untar the files, configuring the particular files, starting the services, creating HBase tables and loading the data into the HDFS.
- After installing there will be services window showing the status of all the services that are running.
- The Installer UI is made through Qt Framework using C++.

## RORA

- This is a Karnataka Govt. project, the application that assign a labour to the customers like plumber,carpenter,etc.,
- Here we had prepared the web pages of the customer portal for Login, Sign in and DashBoard.
- This project is built with Django web framework.
- We have also created API's for some web pages.

## EXPERIENCE SUMMARY:

- Hands-on experience with the Hadoop stack: Sqoop, Hbase, Flume,Kafka.
- Knowledge of NoSQL platforms: Hbase.
- Hands-on experience with open source software platforms and languages: Java/ Python
- Hands on experience in Qt Framework.
- Hands on experiences in Django web framework.

## EDUCATIONAL QUALIFICATION:

- Graduation  
B.E(Electronics and Communication) under Visvesvaraya Technological University from Bellary Institute of Technology and Management,Bellary in 2018.

## CERTIFICATION:

- Certification from J-Spiders here I learnt JAVA,SQL,J2EE.
- Internship in Telecom Technology at RTTC(Mysore) in Digital Switching System and Wireless Communication, Mysore.
- Certification on Foundation program conducted by Infosys campus connect.

## STRENGTH:

- Flexible to learn new things.
- Self-starter, fast learner, and the ability to work in a fast-paced environment.
- Quick learning curve on functional and technical aspects of the project.

## PERSONAL DETAILS:

- **Languages Known** : English, Hindi, Kannada, Telugu.
- **DOB** : 22nd Oct 1996
- **Place** : Bangalore.