

# Sahil Kumar Sahu

Final Year (B.Tech)  
Computer Science & Engineering  
at C.V. Raman Global University  
CGPA: 8.71 till 6th Sem



Mob.: +91-8112081056  
Email: sahilsahu1399@gmail.com

## Links

Github:// [sahil13kumar](#)  
LinkedIn:// [Sahil Kumar Sahu](#)  
Blog:// [Sahil Kumar Sahu](#)  
Coding:// [hackerrank.com](#)

## Skills

OS  
GNU/Linux, Windows

LANGUAGES  
C/C++, Java, Python

CLOUD COMPUTING  
Kubernetes, AWS, Docker

DATA SCIENCE  
Deep Learning,  
Computer Vision

BIG DATA  
Hadoop, Hive  
Pig, Spark

DATABASES  
MySQL, PostgreSQL

WEB DEVELOPMENT  
HTML, CSS, Javascript, nodejs

## Coursework

Data Structures, OS  
Algorithm, OOPs  
Computer Networking

## Education

2017-2021  
B.TECH. IN CSE  
C.V. Raman Global University  
CGPA : 8.71/10(till 6th Sem)

2015-2017  
SENIOR SECONDARY IN SCIENCE  
Sri Chaitanya Vidya Niketan, Vizag  
Percentage: 72.2%

2015  
HIGH SCHOOL  
Saraswati Shishu Vidya Mandir, Bam  
Percentage: 92%

## Experience

AUG.2019 - OCT.2019	<b>C.V. Raman Global University</b>	<b>Research</b>
	STOCK MARKET TREND PREDICTION	
	<ul style="list-style-type: none"><li>Multiple Experiments have conducted by developing LSTM, GRU, BLSTM, BGRU models on 9 real-time benchmark stock indices of different size data sets and Comparative Evaluation has done by considering each model's performance and accuracy which predict tomorrow's market price will up or down.</li></ul>	
DEC.2019-JAN2020		<b>Research</b>
	POSTGRESQL TUNNING	
	<ul style="list-style-type: none"><li>Compiled different known database workloads such as YCSB and TPCC and played around with different knobs for tuning Postgres and enhancing Autonomous Postgres tuning.</li></ul>	

## Achievements/Certifications

JULY 2020	<b>Certified Kubernetes Administrator (CKA)</b>	<b>CNCF</b>
SEP 2020	<b>App Modernization with IBM Cloud Certificate</b>	<b>IBM</b>
DEC 2019	<b>Docker Mastery with Swarm from a Docker Captain</b>	<b>Udemy</b>
JULY 2019	<b>Apache Spark with Scala - Hands On with Big Data</b>	<b>Udemy</b>
Nov 2019	<b>Machine Learning and Deep Learning</b>	<b>Udemy</b>

## Side Project

AUG. 2019	<b>Stream Processing of Twitter Data using Apache Spark</b>	
	<ul style="list-style-type: none"><li>Connected with twitter API and receive live tweet which is capable of fetching chunk of streaming updated data in every One second.</li><li>save tweets to disk such as saving streaming data to persistent storage, accessing the RDD's inside a DStream, RDD partitioning, caching.</li><li>Keep tracking the Most Popular Hashtags and average tweet length</li><li>Listening to streamed data on a tcp socket and used regular expression to parse data.</li></ul>	
MAY. 2020	<b>Deploy Fleet-Management System in Kubernetes</b>	
	<ul style="list-style-type: none"><li>Deploy microservice based Application (<a href="https://github.com/DickChesterwood/k8s-fleetman">https://github.com/DickChesterwood/k8s-fleetman</a>) in minikube.</li><li>Replica Sets Control, Deploy ActiveMQ as a Pod, handle network and service discovery and Persistence Volume Mount.</li><li>Able to handle logging and monitoring k8s cluster with Prometheus and Grafana, Alert management, Request.</li></ul>	
MAR. 2020	<b>Plant Diseases Classification</b>	
	<ul style="list-style-type: none"><li>It majorly deals with Convolutional Neural Network to identify specific disease from 32 classes.</li></ul>	
MAR. 2020	<b>Deployment of ML Project on Kubernetes, Docker</b>	
	<ul style="list-style-type: none"><li>Implemented project Like Sentiment Analysis, Car Selling Price Prediction which includes end to end lifecycle of ML project.</li></ul>	