

Sahil Kumar Sahu

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



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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	C.V. Raman Global University	Research
	STOCK MARKET TREND PREDICTION	
	<ul style="list-style-type: none">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.	
DEC.2019-JAN2020		Research
	POSTGRESQL TUNNING	
	<ul style="list-style-type: none">Compiled different known database workloads such as YCSB and TPCC and played around with different knobs for tuning Postgres and enhancing Autonomous Postgres tuning.Worked on Evaluating Ottortune(Open Source Project) which automates logical tuning of databases using Large Scale Machine Learning.	

Achievements/Certifications

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

Side Project

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