KODHATI SHASHANK
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WORK EXPERIENCE

Quantiphi Analytics: Bangalore
Data Engineer May 2019-Present

CYBERSECURITY:

- Problem Statement**:** Detection of Cyber attacks on website.
- Solution Implementation: Data source is Splunk ,near real time bridge is build using Kafka and sent to Machine learning model in ECS where classification takes place and result is sent to Splunk and stored in HDFS for further training**.**
- Technology Stack**:** Splunk,Kafka,HDFS,Hybrid cloud environment

DRIVEBOARD(Product):

- Problem Statement*:*To create platform for infrastructure deployments with security checks ,application deployment,monitoring,Git provisioning,Jira provisioning,advisory,cost prediction,template generate feature etc.. Across different cloud platforms.
- Solution Implementation:React js is used as front end where there is a choice to select cloud platform,template generator,monitor etc..,django from back end implements the necessary logic using sdk ,api.
- Technology Stack**:**AWS,GCP,AZURE,Terraform,Django,Gitlab,JIRA,React JS,etc

ACADEMIC QUALIFICATION

EDUCATION	INSTITUTION	CGPA/ PERCENTAGE	YEAR
B.Tech Mining Engineering	National Institute of Technology Karnataka Surathkal	8.25	2015-19
Intermediate	Narayana Junior College	97.2	2015
SSC	Standard Public School	9.30	2013

SKILLS:

Cloud : AWS,GCP,AZURE
Programming & Scripting Languages:C,Python,Java core,Bash
Databases:Mysql,RDS,data store,Dynamo db
Big Data:Hadoop(hdfs,impala,sqoop,pig),Spark(rdd,df,spark streaming,spark sql),Kafka
BI :Tableau
Backend Technology:Django
Operating System:Windows,Linux,Mac OS

CERTIFICATIONS:

- AWS Certified Developer Associate
- Google Associate Cloud Engineer
- Azure Fundamentals

PROJECTS&INTERNSHIPS:

- **Prediction of Ground Vibrations using various Machine Learning Techniques:**

  Various blasting parameters were taken into consideration to derive equations for prediction of ground vibrations.Regression ,support vector machine,KNN were used for classification.An equation was developed which was 70% accurate.

- **Factors Affecting Grading of Coal in Mines, A Laboratory Investigation**

  Main objective was around to increase the GCV of coal experimentation was carried out on various factors like size of coal sample,blending of coal,cleaning of sample.

EXTRA CIRCULAR ACTIVITES:

- General Secretary of SOCIETY OF MINING ENGINEERING NITK-CHAPTER 2018
- .Core Member of Beach Events part of INCIDENT a Cultural Fest.2016
- Qualified to the Final Round of TANA GLOBAL SCIENCE FAIR -2013
- Selected to District Level NATIONAL CHILDREN SCIENCE CONGRESS during 2011, 2012
- Second Place in 8th National Level KARATE & KUNG-FU Championship 2012.

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