Suraj Kumar Puligedda

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WORK EXPERIENCE

- **Software Engineer, Bureau Veritas Groups,** June 2017 – Present.

ACHIVEMENTS

- Awarded "**All Ideas Matters**" at Bureau Veritas for **2 times (Q3 2018, Q3 2017)**.
- **2nd position in D-BUGGER** (debug the code) CSVTU.

SKILLS

- **Python / Django (**Passed: LinkedIn Assessments**)**
- **C++ (**Passed: LinkedIn Assessments**)**
- **AWS**
- **Machine Learning**
- **Micro services**
- **Automation / PowerShell**
- **SQL /ETL**
- **Big Data Systems**
- **DevOps**
- **Alexa Skills Kit (ASK)**
- **Tableau**
- **Linux / Docker**
- **AWS / Lambda Function**
- **REST API**
- **Azure**
- **Natural Language Processing**

EXTRACURRICULAR ACTIVITIES

Sparsh Team (Core Team Member)
Jun 2017 – Present
Indoor-outdoor extracurricular activities for Bureau Veritas

ABOUT ME

Data science enthusiast worked on Django, Azure ML studio, also providing automation solutions using DevOps Tools in AWS, data integration transformation, modelling reporting with IT tools like python, data visualization, PowerShell, Django web development.
Also rewarded for ALL IDEA MATTERS in Bureau Veritas for providing innovative solutions to organization for consecutive 2 years.
Hobbies   : Traveling, Cooking.

EDUCATION

COURSE	STREAM	UNIVERSITY	YEAR
M. TECH	Data Science & Engg.	BITS, PILANI	2020
BE	Computer Science & Engg.	CSVTU	2013-17
SSC (12TH)	Maths	CBSE	2013
HSC (10TH)	---------	CBSE	2011

CERTIFICATIONS

- **TCS iON ProCert – "Python** Technologies"(71 %) 2020
- CutShort Certified Python & Django (2020)
- **Data Structures & Algorithm in Python (76%)** NPTEL
- **Redhat Certified System Engineer** (90%)
- ITIL Foundation Certificate in IT. Service Management (92%) PeopleCert

PROJECTS

- **Central Applications description and automation Portal**
It's a Central Portal use to describe relationship between organisation Infrastructure inventory data of applications like its server DB and to automate creation deletion modifications through Central Portal
Tools AWS Lambda SQL Server, Python, AWS

- **Alexa Bot (POC)**
Amazon Alexa base chat bot to demonstrate a POC on organisation to provide feasibility of Alexa Bot in organisation with a Use Case of Meeting room Booking

- **ML Script Ticket Segregation basis of Application, Site**
This project is to segregate ticket on the basis of Application & Site by using Random Forest Classification algorithm.
Data-set: 2-months data which are over 9000+ Tickets.
Accuracy: Application (87%), Site (94.5%)
Libraries: Scikitlearn, Dataframes, Numpy.

- **Charles Azure Machine learning Model**
It was initially designed by Microsoft for oil condition monitoring (OCM) project to monitor the oil sample from different sources and classifying its categories by using Azure Machine Learning Studio.
Role: Azure Machine Learning Engineer, Azure Data Flow Engineer

- **Django Alerts Aggregator and ticketing tool integration**
A Django python base aggregator which collect all alerts from different tools and consolidates in one and can further generate tickets from this console and had LDAP authentication system.

- **Application Performance Dashboard in Tableau**
Tableau base performance dashboard for business-critical applications with matrices like application, server, database performance and all incident or changes used by Application stakeholders, business owners.
Tools: Tableau, SQL Server, REST API, Powershell.

- **DockerPy**
DockerPy Python Script to automate the configuring and monitoring of Docker Container with the help of Docker's python API with the use of this api automation to configuring of docker engine