

**SHRAVANI VANKA**

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## Objective

To be a part of a dynamic work environment and contribute substantially to the larger goals of organization, in the process, making best use of the opportunities provided for learning and growth.

## Professional Summary

- 4 years of experience in the field of software development with strong developing skills.
- Working as a Software Engineer in “Accenture Solutions Pvt Ltd”.
- Developed Rest API’S using **Flask** and registered operations using Blueprint.
- Creation of excel sheet using **XlsxWriter** module in python scripting and storing in **HDFS**.
- Creation of GET/POST API to read/insert data in **HBase** table.
- Creation of JSON to hit the **Rancher** API for Kubernetes.
- Applying **Machine Learning** methods on large data sets.
- **Kafka** as message broker between microservices.
- Managing **AWS EC2** instances using **Boto3**.
- Run small scale experiments with new ML Algorithms.
- Trained on Big Data Technologies like Hadoop, HBase, Spark and Kafka.
- Worked on Matplotlib and seaborn libraries for charts on Dataset for Analyzing.

## Technical Skills

Languages	: Python, Machine Learning.
Web Technologies	: HTML5, CSS, Java Script.
Frameworks	: Flask.
RDBMS	: MySQL.
NOSQL	: HBase.
Operating System	: Windows.
Web Server	: Apache Tomcat 7.0.
Tools	: PyCharm, Postman, GIT, Putty, Notepad++.

**Experience:** 4 years of experience, currently working in Accenture Solutions Pvt Ltd.

Company Name	Duration	Role
Accenture	13 <sup>th</sup> Dec 2017 -Till Date	Software Engineer
Milan Infotech Pvt Ltd	2 <sup>nd</sup> Dec 2015 -12 <sup>th</sup> Dec 2017	Associate Software Engineer

## Projects Profile

### IDS (Intelligence Data Suite)

Data Quality is a huge area. In the current implementation, given a data set, we provide outlier analysis of the data using few some ML algorithms and provide recommendations using which client can take actions to correct these anomalies thereby improving the quality of the data.

Technology : Python, Machine Learning, Kafka ,HBase  
Tools : PyCharm, Git, Postman

### Responsibilities:

- Understanding the requirement and participating in the architecture discussions.
- Building Model using ML Algorithms like IQR, MODZ, Random forest.
- Developed REST API's using Flask.
- Creation of GET/POST API to read/insert data in HBase table.
- Creation of excel sheet using XlsxWriter with specific format.
- Integration of dedupe Logic using kafka.
- Parallel computations on single machine using celery protocol.
- Creation of parallel computing using Pool and Process class of multiprocessing module.
- Creation of Microservices.
- Python code to find outliers/missing values in client dataset.
- Written Python API and deployment scripts using Python.
- Worked on matplotlib and Seaborn module of Python for creating various charts.
- Creation of unit test cases using UnitTest framework.

### AIP(Artificial Intelligence Platform)

Deployment Workbench Application (DWB) is used to schedule the jobs to automate environments through Cloud Plex tool which makes cloud deployment of clusters creation services.

Technology : Python,MySQL,  
Tools : PyCharm, Git, Postman

### Responsibilities:

- Understanding the requirement and participating in the architecture discussions.
- Generating Json using python code to hit the CloudPlex API.

- Sql Queries to fetch the data from DB.
- Automation scripting for various services.
- Managing AWS EC2 instances using Boto3.
- Sending mail notification using SMTP Library.
- Creation of unit test cases using UnitTest framework.

### Educational qualification

Course	Name of Institute	Board/University	Year of Passing	Marks%
BCA	JSS college Dharwad	Karnataka university Dharwad	2014	84.05
PUC	Duddupudi Women's PU college, Sindhanur	Karnataka Secondary Pre-university	2011	83
SSLC	RVS Residential school, Gangavathi	Karnataka secondary education Examination Board	2009	70.40

### Personal profile

Name : Shravani V  
 Date of Birth : 01-06-1993  
 Languages Known : English, Hindi, Kannada, Telugu and Tamil  
 Nationality : Indian.  
 Permanent Address : Shravani.Vanka, #78/AYaradoni Kindi camp,  
 TQ: Gangavathi-583229, Dis-Koppal, Karnataka

### Declaration

I hereby declare that the information given above is true to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

**Place:** Bengaluru

**Date:**

