**Purva Kishor Deshmukh**

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**Career Objective**

* Seeking assignment and responsibility, with an opportunity for growth and career advancement as successful achievements
* To work in a challenging environment which improve my technical knowledge and develops my professional skills

**Technical Skill Matrix**

|  |  |
| --- | --- |
| Programming lang. & Other Technologies | IDE’s, Tools & Operating Systems |
| Python, C, C++ |  |
| Embedded C, Assembly language | Postgres SQL, Linux (Ubuntu), Windows 7 |
| Frameworks:- Django, Flask | AWS cloud, Sublime Text,PyCharm |
| ElasticSearch, Kibana, Logstash |  |

**Educational Qualification**

|  |  |  |  |
| --- | --- | --- | --- |
| Course | SSC | HSC | B.E. |
| **Institution** | Kendriya Vidyalaya,DIAT girinagar Pune | Kendriya Vidyalaya,DIAT girinagar Pune | Pune Institute of Computer technology |
| **Year of passing** | 2012 | 2014 | 2018 |
| **Percentage** | 85.52% | 87.78% | 66.75% |
| **Class/Grade** | A | A | First Class with Distinction |

**Employment Details**

**PYTHON DEVELOPER | SHYENA TECH YARNS | FROM DECEMBER 2018 TILL DATE**

**Project Experience**

**Project 1 – Migration of 3TB data from Google Cloud to AWS ElasticSearch**

|  |  |
| --- | --- |
| ***Client*** | IT product company having focus on Japan market |
| ***Duration*** | April 2019 to Till Date |
| ***Project Description*** |  |
| The project involves migration of sensor & alarm data from Google cloud to AWS cloud instance. The data is migrated from Google cloud table to AWS S3 in the json format. This data is then loaded into AWS Elasticsearch using Logstash. Implemented performance optimization to migrate data at the rate of 3 minutes per GB on aws t2.medium instance. The client team took 1 hour to migrate 1 GB data  My responsibility include   * Development of Logstash scripts to move the data into ElasticSearch * Reindexed data to move month specific data into corresponding index * Development of Python script from data migration validation * Development of Python scripts for data cleansing | |
| ***Project Technical Details*** | Python, ElasticSearch, Logstash, Kibana, AWS, Linux |

**Project 2 – IOT PLATFORM**

|  |  |
| --- | --- |
| ***Client*** | A platform offering from Shyena Tech Yarns (Piloted for 2 clients) |
| ***Duration*** | December 2018 till March 2019 |
| ***Project Description*** |  |
| The project involves building end to end Industrial IOT platform having capability to acquire data from the machines, move this to cloud/on premise server for remote monitoring, persisting this in time series database and out of box dashboards for OEE improvement. The information of asset to be monitored in maintained in Asset Register module  My responsibilities include   * Development of Asset management module * Development of Issue and Maintenance details capture module * Development of source data acquisition module using various protocols like OPC, Modbus, Serial etc | |
| ***Project Technical Details*** | Python, Django, Flask, Grafana, Postgres, Mongodb, HTML, CSS |

**Project 3 – Academic Project**

|  |  |
| --- | --- |
| ***Title*** | **DIGITS AND CHARACTER RECOGNITION** |
| ***Duration*** | Final year project, part of academics |
| ***Project Description*** |  |
| * To take the image from camera and carry out different pre-processing methods on it like noise removal, resizing, thresholding to extract its features using Open CV module in python. * To collect suitable dataset of characters and digits and compare it with the given features of image * To implement SVM and CNN algorithm to increase the accuracy of recognition of character and digits. | |
| ***Project Technical Details*** | Python, OpenCV, Machine Learning, Flask, Django |

**Personal Details**

|  |  |
| --- | --- |
| ***Nationality*** | Indian |
| ***Languages Known*** | English, Hindi, Marathi |
| ***Permanent Address*** | DSK VISHWA Sayantara Society,Plot no.101 Dhayari Pune-41 |