**Name:**Gaurav Dadasheb Shitole

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**Objective :**

Seeking a responsible position in an organisation, which gives me a chance to improve knowledge, enhance my skills and enable me to strive towards the overall development of the organisation.

**Educational Qualification :**

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| --- | --- | --- | --- |
| **Standard** | **Institute** | **Board / University** | **Percentage** |
| **BCS** | ESD Collage | SPPU Pune University | 70.15% |
| **HSC** | Shri Gopinath jr Collage | Maharastra State Board | 50.80% |
| **SSC** | Shri Sadguru Vidyalay | Maharastra State Board | 61.80% |

**Highlights:**

* Experience in application development in Python using Procedural as well Object Oriented manner.
* Proficient in Machine Learning skills for multiple types of applications.
* Experience in handling, analysing different types of data sets.
* Experience in Algorithm designing.
* Experience in writing Web Automation, File system Automation, Process Automation scripts with periodic scheduling and logging activity using Python.
* Proficient in Deep Learning skills for multiple types of applications using Neural Network.
* Strong coding ability both in producing clean and efficient code as well as debugging and understanding large code bases.
* Sound knowledge of multiple algorithms used for Machine Learning from various libraries in Python.
* Experience in application development using C, C++, JAVA,Python.
* Experience in Client side Web development using Angular.
* Experienced use of modern source code control (Git).
* Experience in Server side web development using Java, Python, NodeJS
* Sound knowledge of operating systems internals.
* Good analytical and problem solving skills.

**Technical Skills :**

**Programming Languages :**

Procedural language : C Programming

Object Oriented Programming : C++ Programming, Python 3.0

Virtual Machine based Programming : Java Programming

Scripting language : JavaScript

|  |  |
| --- | --- |
| **Python :** | Python 3.0 |
| **Python Libraries :** | Numpy, SciPy, Scikit-Learn, TensorFlow, Pandas, OpenCV |
| **Web Technologies**: | HTML/HTML5, CSS2/CSS3, XML, XHTML, XSLT, JavaScript, JQuery |
| **IDE & Tools:** | Visual studio Code, Webstorm, IntelliJ, Sublime, PyCharm |
| **Web Servers:** | Apache Tomcat 8.0.22, WebLogic 12.2.1, IBM WebSphere8.5. |
| **Version Control**: | GIT, Perforce, CVS, SVN |
| **Database:** | PL/SQL(oracle), MySQL, MS SQL |
| **Operating System**: | Windows NT, Linux Distributions |

**Testing techniques :** Unit testing **Methodologies:**  Agile, Waterfall **Projects :**

**Project Name :**  **Naval Mine Detector**

**Technology** : Deep Learning with Neural network using Python **Description** :

* Mine detection and classification using side scan sonar imagery is a challenging problem.
* As opposed to the majority of techniques, several Neural-network-based methods for the detection and classification of mines and mine like objects have been proposed.
* Detection and classification of underwater objects in sonar imagery is a complicated problem, due to various factors such as variations in operating and environmental conditions, presence of spatially varying clutter, variations in target shapes, compositions and orientation.
* By using the concept of Deep learning with Neural network we predict whether object is Mine or not.

**Project Name :**  **Titanic Survival Predictor**

**Technology** : Supervised Machine Learning with Logistic Regression using Python **Description** :

* This application is based on supervised machine learning technique.
* There is one data set which contains information about all passengers from titanic such as its name, age, seat number , ticket price, height, floor etc.
* We first clean the data set by removing unnecessary entries and columns.
* We apply Logistic regression technique to train our dataset and predict whether the passenger can survive or not depends on its data entries.

**Project Name :**  **Periodic Process Logger with Auto Scheduled Log Report Facility Technology** : Python **Description** :

* This application us developed in Python.
* This project automate process log activity.
* In this project we create log file with the current time and store information about all running processes as its name , PID, memory usage, thread count number of child process.
* Our automation script executes periodically depends on the time specified by the user using scheduler of python.
* After periodic execution it sends the log file to the specified email address.

**Project Name :**  **Marvellous Knowledge Sharing Portal**

**Technology** : Angular 7 for Frontend , Firebase for realtime database **Description** :

* This application is developed in Angular 7.
* This project we we provide multiple the functionality by using which any member of University of Company can share there knowledge on our portal.
* If any user is interested in the information then using our portal they can communicate with each other.
* For validation purpose we use reactive forms.
* For Front end designing we use bootstrap and Material designing.
* To store the data entered by the user we use bootstrap.
* We deploy our application using S3 of Amazon Web Services.

**Experience :**  fresher

**Machine Learning & Deep Learning Case Studies :**

* Iris Species classification using Decision tree algorithm
* Ball classification using Decision Tree algorithms
* Advertisement predictor using Regression
* Iris Species classification using K Nearest Neighbour algorithm
* Brest Cancer Detection using Random Forest algorithm
* Play predictor application using Linear Regression
* Head Brain size predictor using Linear Regression
* Height Weight prediction using algorithm
* Titanic Survival predictor using Logistic regression algorithm
* Diabetes detector using Linear Regression • Wine type classifier using K Nearest Neighbour

**Technical highlights :**

* Knowledge of Front end development using Angular 7
* Knowledge of Amazon Web services.
* Knowledge of Firebase with data storage capabilities .
* Expertise in web deployment using Firebase and AWS.
* Knowledge of NodeJS for server side development.
* Knowledge of Unit testing of Angular application.
* Knowledge of Front end development using Material Design ,Bootstrap.
* Knowledge of server side development using NodeJS.
* Knowledge of NoSQL database as MongoDB.

**Git repository of projects :** https://github.com/gauravshitole

**Personal Information:**

* Date of Birth:5/3/2000
* Father’s Name:Dadasheb kisan Shitole
* Marital Status:unmarride
* Nationality:Indian

The above mentioned information is authentic to the best of my knowledge.

Gaurav Dadasheb Shitole