**DEVELOPER**

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| **Objective** |  |  |  |  |  |  |  |
| To give the best quality service and demonstrate the competence that satisfies the interest of the company. | | | | | | | |

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| **Experience** |  |  |  |  |  |  |  |
| Total Experience – +6 Years (Python , Machine Learning, Computer Vision, Raspberry PI) | | | | | | | |

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| **S Summary:** |  |  |  |  |  |  |  |
| 1. Have experience with Arduino, Raspberry Pi. 2. Have good experience on Machine Learning, Computer Vision. 3. Have good experience on Scikit Learn, Tensor Flow, NLTK Libraries. 4. Have experience in working with Git-hub, SVN and Heroku. 5. Have worked on Different Sensors(Temperature Sensor, IR Sensor, Distance Sensor, PIR Sensor, Light Sensor etc). 6. Have experience with Computer vision with Raspberry Pi. 7. Have Experience in Server configuration for Ngnix and Apache. 8. Have experience with speech recognition, with Raspberry Pi | | | | | | | |

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| **S Professional Skill Set:** |  |  |  |  |  |  |  |
| **Database skills**: MySQL, MongoDB , PostgreSQL, SQLite, MariaDB  **Programming skills:** Python, CherryPy, Machine Learning, Computer Vision(Opencv, Simple Cv), Sklearn, Raspberry Pi**,** Scikit Learn, Tensorflow, NLTK  **Platforms**: Raspbian, Ubuntu and MAC Snow Leopard 10.6.8 | | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Sentiment Analysis** | | | | | | |
| **Description** | This project is to analyze the negative or positive feedback about the product according to the data/Feedback provided by customer. | | | | | | |
| **Technologies Used** | Python, NLTK | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Chatbot** | | | | | | |
| **Description** | This is a chatbot project that quick answer the questions asked by customer/user. We have implemented AI technique to train the Chatbot to provide proper answer of question. | | | | | | |
| **Technologies Used** | Python, Tensorflow | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |  |
| **Project Sentiment Analysis** | **Chatbot with Payment Gateway Implementation** | | | | | | | |
| **Description** | This is a shopping chatbot from where you can purchase your orders and also can pay the amount instantly. | | | | | | | |
| **Technologies Used** | Python, Tensorflow, Paypal | | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |  |
| **Project Sentiment Analysis** | **Trading Chatbot** | | | | | | | |
| **Description** | This is a trading chatbot where you can see the market price and can also sell and purchase the share. I have used an API for this. | | | | | | | |
| **Technologies Used** | Python, Tensorflow | | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **Project Sentiment Analysis** | **Beacon Project** | | | | | | |
| **Description** | This project is for mall where user get notified when he enters in the range of beacon device, First we send welcome notification and also send notification about the offers on product. | | | | | | |
| **Technologies Used** | Python, beacon, eddystone. | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **Project Sentiment Analysis** | **Google Assistance Project** | | | | | | |
| **Description** | This project is same as Siri application of apple, where user can manage his computer by using voice command. | | | | | | |
| **Technologies Used** | Python, google assistance. | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **Project Sentiment Analysis** | **OCR(Text from video)** | | | | | | |
| **Description** | This project is related to extract the text from video. This is used in to show subtitle of video, we are extracting text and saving that to a file and after that showing that info under the video. | | | | | | |
| **Technologies Used** | Python, OCR, pytesseract | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **Project Sentiment Analysis** | **Facial Recognition Tool:** | | | | | | |
| **Description** | This project is related to recognize faces from faceook. The main concept of this application is to find out the similar images from facebook which matched to uploaded image by user. | | | | | | |
| **Technologies Used** | Machine Learning, Tensorflow, Python, Facebook Api | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **Project Sentiment Analysis** | **Ovito Particle Movement Project:** | | | | | | |
| **Description** | We have used Ovito and Numpy for show the particle movement of human DNA and body cells. We got this project last month and it's related to machine learning algorithms. We successfully deliver this work and client going to hire soon for next similar project. | | | | | | |
| **Technologies Used** | Python, Ovito Tool, Numpy | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Trading analysis:** | | | | | | |
| **Description** | We have used Quandl data to analyze and predict the share market. We have worked on many types of data as: coca cola, apple and some other and predict the market price on upcoming year. | | | | | | |
| **Technologies Used** | Python, Sklearn, Matplotlib | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Number Plate Recognition** | | | | | | |
| **Description** | This project is related to recognize number from number plate. We had to detect and recognize the number from number plate of different types of vehicles. | | | | | | |
| **Technologies Used** | Python, tesseract, Opencv | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Data Management:** | | | | | | |
| **Description** | A script that extract data from files and remove redundant data, calculate the number of records and perform various operatoin on data and show the stastics of data. | | | | | | |
| **Technologies Used** | Python2.7, Numpy, Pandas, Matplotlib, Scipy | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Forex Exchnage Management:** | | | | | | |
| **Description** | Forex Exchange Management software is based on currency converter. From on currency to USD and USD to other Currency. This software is multi user with client server technology. | | | | | | |
| **Technologies Used** | Python2.6, PyQt4, Multi databases (mysql, Postgresql, Sqlite) | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Desktop Application:** | | | | | | |
| **Description** | A Desktop application which automate the process of extracting the data and save it into the database. It extract the data from csv files and store in to the database. | | | | | | |
| **Technologies Used** | Python 3.4, Pandas, Numpy, Scipy, SQLAlchemy, PyQt | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Nuance API Integration:** | | | | | | |
| **Description** | Application that convert the speech-to-text and text-to-speech using Nuance API. It takes the audio, then convernt it into file using ffmpeg library then call the API to convert into text, and to convert text to speech, it write the audio file of that text using API call | | | | | | |
| **Technologies Used** | Python 2.7, FFMPEG | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **ProjectSentiment Analysis** | **Zfyre:** | | | | | | |
| **Description** | Zfyre is combination of Google Drive & Drop Box. It is a system based software that backup the files on server. For this we have used Amazon AWS cloud service called Amazon Simple Storage Service (AS3) to store files on amazon cloud server. It uses RabitMQ to queue the files and it transfers it to Z-standard library, which is a encryption and compression library developed by Facebook. Each segment of file is encoded and transfer to the AWS server by AS3. | | | | | | |
| **Technologies Used** | Python, Scala, AWS AS3, RabitMQ, Watch Dog. | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **Project** | **Image Recognition and Face detection** | | | | | | |
| **Components** | Hardware: Raspberry PI, Pi Camera, Power Source, Jumpers, Stepper motors, Wheels  Software & Libraries: Python, Rospy, Opencv | | | | | | |
| **Description** | This project presents an analysis of the face detection of victims. The focus is mainly on image processing for autonomous robots operating for detecting victims in crisis area. The purpose of this robot to be applied in a rescue scenario to detect the victim. It focus on one of the main objectives of rescue missions is to rescue the  disaster victims. Of course, in some situations it is too risky to send human agents in the unstable environment. | | | | | | |
| **Technologies Used** | Python, ROS | | | | | | |
| **Team** | 1 | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |
| **Project** | **Remote Control Car for security Purpose** | | | | | | |
| **Components** | Hardware: Raspberry PI, Pi Camera, Power Source, Jumpers, Stepper motors, Wheels  Software & Libraries: Python, Rospy | | | | | | |
| **Description** | This project presents a remote control car for security purpose. Our organization is currently using this project for security purpose. It moves over through our organization and capture image of that event. Where it moves, it takes image of that place on a given time interval and send that image to server. It is synchronized with server where images stored. | | | | | | |
| **Technologies Used** | Python, ROS | | | | | | |
| **Team** | 1 | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |
| **Project** | **Home Automation** | | | | | |
| **Components** | Raspberry Pi with SD card, 5v Source, IR Sensor, Blue-tooth Dongle, Temperature Sensor, Microphone, Light Sensor. | | | | | |
| **Description** | It is a home automation project, where Light source, AC and Door are controlled by Raspberry Pi. In this project, light sensor detects light inside the home and control light source of home according to that. If it detect less amount of light, then it glow the bulb(light source) with respect to that and vice-versa. Also, it control AC according to temperature detected by Temperature Sensor. I have used microphone for voice recognition to control the door of home. If it listen, Open, then it opens the door and when it listen close, it closes the door. | | | | | |
| **Technologies Used** | Python and some library(Speech Recognition, PyAudio) | | | | | |
| **Team** | 1 | | | | | |
| **Responsibilities Held** | Developer | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |  |  |
| **Project** | <http://www.centrotranspersonal.com.ar/> | | | | | | | | |
| **Description** | Center of Transpersonal Psychology, located in Buenos Aires, Argentina. a pioneer institution by the time he was born, he was deployed along the years a number of academic, cultural and solidarity activities, taking this approach at the heart of man covering his search for the Transcendent. | | | | | | | | |
| **Technologies Used** | Django, Django-CMS, MySql | | | | | | | | |
| **Team,Tester** | 1,1 | | | | | | | | |
| **Responsibilities Held** | Developer | | | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |  |  |
| **Project** | http://www.nudevotion.com/ | | | | | | | | |
| **Description** | Nudevotion.com is a fashion website inspired by the nude trend with the latest selection of nude shoes, dresses and accessories in neutral shades of beige, pink and brown. | | | | | | | | |
| **Technologies Used** | Python. Django | | | | | | | | |
| **Team** | 3 | | | | | | | | |
| **Responsibilities Held** | Developer | | | | | | | | |

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| **Project Profile** |  |  |  |  |  |  |  |  |  |
| **Project** | **http://www.gcc.mass.edu/** | | | | | | | | |
| **Description** | Greenfield Community College is located in the beautiful and historic Pioneer Valley of western Massachusetts, between the foothills of the Berkshire Mountains and the fertile farmland of the Connecticut River watershed. GCC is the smallest of the 15 community colleges in the Massachusetts higher education system, known for the caring and supportive attitude of the faculty and staff, academic excellence, and for the broad support it enjoys from the surrounding community. | | | | | | | | |
| **Technologies Used** | Python, Django**,** Postgresql | | | | | | | | |
| **Team** | 1 | | | | | | | | |
| **Responsibilities Held** | Developer | | | | | | | | |