Saurabh Vilas Balki

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EDUCATION

B.Tech. in Electronics & Telecommunication Engineering
Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded

07/2018 - 06/2022   *8.9 CGPA*

HSC
Shikshan Maharshi Late. Shreehari Jiwatode Jr. College, Chandrapur

2018   *84.62%*

SSC
Chanda Public School, Chandrapur

2016   *9.4 CGPA*

PROJECTS

Spam Text Detector using Machine Learning (05/2022)
- Spam and Ham Text dataset was used to train machine learning model.
- Detection was done and model was deployed using streamlit and heroku.
- Real time accuracy was coming around 90%

Movie Recommender System (05/2022)
- TMDB dataset was used to train machine learning model.
- Model was deployed using streamlit and heroku

Vehicle Number Plate Detection (01/2021 - 05/2021)
- Input image is converted into Black and White Format.
- Edge Segmentation and Character Detection is applied.
- Final detection is done and output is Stored in data sheet.

Vargi Bots (09/2020 - 03/2021)
- Warehouse management system implemented in Gazebo Simulation using ROS and MoveIt motion Planning Framework.
- Robotic Arms have used for identification of packages, putting them on conveyor belt and collecting them from belt and dispatching packages to different cities according to their priorities.
- Email alert after each package of Dispatch and shipment.

Automatic Plant Watering System (08/2018 - 11/2018)
- Soil moisture sensor detects the level of soil moisture (high or low)
- If low then water from the reservoir is given to plant using water pump.

INTERNSHIP

Industrial Training
MAHAGENCO CSTPS, Chandrapur

07/2021 - 07/2021   *Chandrapur, Maharashtra*

Achievements
- Learned working of Thermal Power Plant in Detail.

Social Internship
Anandwan, Warora

05/2019 - 05/2019   *Warora, Maharashtra*

Task
- Tree / Mixed Forest Plantation using Miyawaki technique

SKILLS

Machine Learning   Python

POSITION OF RESPONSIBILITY

Creative Event Coordinator (04/2021)
Pragyaa 2021 (Technical Event of SGGSIE&T, Nanded)

Robotics Event Coordinator (02/2020)
Pragyaa 2020 (Technical Event of SGGSIE&T, Nanded)

Finance Coordinator (2019 - 2020)
Zenith 2020 and Utsav 2020 (Sports and Cultural Events of SGGSIE&T, Nanded)

Student Council Volunteer (2018 - 2019)
SGGSIE&T, Nanded

Maths Club Coordinator (2015)
Chanda Public School, Chandrapur

INTERESTS AND HOBBIES

Roller Hockey   Basketball   Guitar

Skating   Photography