

KAMALAKARA NAGA SANTHOSH KUMAR NAMA

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Corporate professional with 2 years+ of experience, looking to leverage my python and machine learning Skills for progressive change as a Machine learning Specialist and Develop Web-Applications Using Machine learning algorithms.

EXPERIENCE

7/2019 – PRESENT

SOFTWARE ENGINEER, GIGAMON SOLUTIONS

- Created, maintained, and monitored the Web Applications (Log Analyzer, One Portal, and Performance tracker), which can save time and improve employees' productivity.
- Developed a model to predict the overload status of the system CPU Using a Machine learning Algorithm.
- Developed a model, suggests a custom template instead of a Pre-defined Template Using a Machine learning Algorithm.
- Worked Closely in Developing and Testing Performance ,Scale and Rest API automation Scripts and Developed UI automation scripts Using cypress

EDUCATION

2014-2019

MTECH SOFTWARE ENGINEERING, VIT UNIVERSITY VELLORE - 8.18

2012-2014

INTERMEDIATE, SRI CHAITANYA JR COLLEGE - 92.8

SKILLS

- Python, C++, C, PHP, JavaScript, HTML
- Machine Learning
- Deep Learning
- MYSQL
- Automation, REST API
- Postman, Jira, Git, vSphere
- Power BI , Cypress

PROJECTS

Project-1:Gesture Keyboard System Using SVM (2019)

Description: The Agenda of this project is to build model which can predict and Speak out alphabets by human hand gestures ,Used SVM algorithm for classifying

Roles and Responsibility:

- Developed Full end to end Application.
- Prepared the Dataset and Trained the Model and Tested.
- Further extended the model also for Gesture Gaming.

Impact:

By using the model, we can use hand gestures for entering Input and Extend to other application.

Project-2: Bird detection in Video Using Haar Cascade Classifier ML

Description: The Agenda of this project is to build model which can predict Birds in Videos By using haar cascade Classifier.

Roles and Responsibility:

- Developed Full end to end Application.
- Prepared the Dataset and Trained the Model and Tested.
- Further extending Model to predict Humans in the Video Used for security Team during surveillance Monitoring .

Impact:

By Using this model we can Detect the Bird by using video so it can be used in Aeroplane Runway checkup by the team as most of crashes happen due to bird hitting the plane.

Project-3: Email Spam or not Spam identifier(2021)

Description: The Agenda of this Project is to Build a model which can predict the email received is spam or not spam . Compared with multiple Algorithm's and Found the best performed Algorithm.

Roles and Responsibility:

Developed Model which Predicts the given email spam or not spam, we used multiple Models like Naïve Bayes ,Decision Trees, SVM, Logistic Regression and Monitored their performance on the given Dataset.

Impact:

By using the model, we can predict if the email is spam or not spam.

Project-4: One Portal Web application (2019 - 2021)

Description: The Agenda of this Project is to Build application to Make Daily Tasks Such as Upgrading to latest build ,debugging logs, Download Logs and Traffic Analyze Easy By One click .Generally each of these tasks take 30 Mins ,by One portal Application we can do each task within 10mins.

Roles and Responsibility:

Technologies Used: Python, JavaScript, Ajax, Php

Developed and tested End to end Application By using Python and

Impact:

- Upgrading a Device to a build takes 10-15mins and if we have cluster then it takes 45 mins ,as we included Parallel Upgrade, we are able to Perform each all the upgrades In 10-15 mins .
- Downloading or debugging takes lot of time if there are multiple log files ,so We added an feature to Do it in single click.
- Overall ,Web application tries to Increase employee's productivity.

HONOR AWARDS

- Innovator of the year-Gigamon (2021)
- On Spot Award for 100% Automation-Gigamon (2021)
- Participated in App-A-Thon Event in Samyak, K L University (2019)