SREERAG K

Associate Software Engineer
(Machine Learning / AI)

SKILLS

Python 3+ yrs

AI/ML 3 yrs

NLP 2+ yrs

Git 1+ yrs

Flask 2+ yrs

R 2 mons

CONTACT

Ramanilayam(H)
Edavetty PO
Thodupuzha

+91 7012485267

sreeragkolath@gmail.com

SOFT SKILLS

- Quick Learner
- Positive Thinker
- Ability to work under pressure
- Motivational and Leadership skill
- Logical, Analytical and Computational skill

PROFILE

Budding Software Engineer with hands on knowledge in devoleping Machine Learning Models .

Have the ability to understand the business, solve problems and describe solutions by storytelling. skilled in python, Machine Learning,Deep learning and Statistics.

Seeking for opportunity that will provide a platform to enhance my educational and professional skills, enrich my knowledge to help with the process of organizational and self growth

WORK EXPERIENCE

Associate Software Engineer
Techversant Infotech Pvt. Ltd.
Aug 15 - NOW

Currently working with Techversant Infotech as Associate Software Engineer in AI and Data Science Team

- Development of AI models
- Data understanding and Visualization
- Development of Image processing Applications
- Data collection and Documentation

PROJECTS

RESEARCH: Automated Machine Learning Application
Associated with Techversant Infotech
June 4 - NOW

The application is to automatically process any raw data given, find whether the data is regression or classification and get the accuracy, and all the results like ROC curve F1 score etc.

- Data preprocessing and cleaning
- Feature extraction
- Classification models development
- Regression models development
- Testing and Documentation

CERTIFICATIONS

NACTET - Big Data - Hadoop Implementation

Certificate issued by the National Council for Technology and Training regarding completion of course in Big Data Hadoop Implementation and Data Science Expert on 28.01.2019

Python for Data science

Certificate issued by cognitive-class.ai powered by IBM for successfully completing the course regarding python for Data Science.

Introduction to Python

Certificate issued by Datacamp for successfully completing the course regarding python.

RESEARCH: GS1 CANADA   Feb - May 17

The Aim of the Research is to predict the dimensions of any object like width,height and weight using Image processing Approach

- Data Collection

- Development of Models like MLP, MLR, SVM

- Bench Marking

- Documentation

Lisence Plate Recognition   Jun - July 2021
Associated with Techversant Infotech

The Aim of the work is to Recognize number plate from images and live videos.

- Building Flask application

- Build user report generation model using Jinja2 Framework

- Establishing connection to database and fetching details

- Documentation

AI Based Sentimental Analysis Engine   Sept - March 2021
Associated with Techversant Infotech

It's an AI based Sentiment Analysis Engine which is intended to Find the sentiment of a collected data by means of text sentiment, emoji sentiment, emotional sentiment from visuals, etc.

- Data Acquisition of Arabic sentences/tweets and Data Preprocessing

- Annotation of Arabic data and Balancing sub-classes

- Subclass Categorization

- Code Optimization and Code Enhancement

- Code Optimization and Code Enhancement

- Model Development and Model Integration

Safari Roof Top AI   Jun - Jan 2021

It is a AI based Engine used for finding rooftop area for placing solar panels. Associated with the project for handling image extraction and preperation modules.

- Data Collection from AWS

- Image prepossessing and Annotation

- Devolepment of Customized model for Roof Detection

- API development

- Model Testing

AI Based Survey Recommendation   Apr - Sep 2020

Survey Recommendation was an AI based engine which is intended to provide Recommendation of the best available surveys for the particular Querying user id.

- Data Collection and Research
- Processing, Cleansing and Verifying the integrity of the data for analysis
- Building KNN model and tune it's parameter for better performance
- API development
- Model Testing

EDUCATION

B.Tech Computer Science   2013 - 2017
Mahatma Gandhi University(MGU)

Theory of Computation, Data Structures, DBMS, Data Mining, Java

VHS   2011 - 2013
IHRD, MUTTOM

Electronics + Computer Stream

CBSE   2011
Vimala Public School, Kerala

DECLARATION

I do hereby declare that all the information and details given are true to the best of my knowledge.

NAME : SREERAG K