SNEHA SAHUFeatured Resume

Machine Learning & Deep learning Engineer seeking roles in Artificial Intelligence,Machine Learning,Requirement Analysis

Current Designation: Machine Learning & Deep learning Engineer

Current Company: Gemini Consulting Services Pvt Ltd

Current Location: Hyderabad / Secunderabad

Pref. Location: Bengaluru / Bangalore,Chennai,Hyderabad

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Total Experience: 3 Year(s) 6 Month(s)

Notice Period: 15 Days or less

Highest Degree: B.Tech/B.E. [Computers]

Key Skills: Machine Learning & Deep learning Engineer,Software Developer,Artificial Intelligence,Machine Learning,Requirement Analysis,Project Management,Project Execution,Entity Framework,Agile Methodology,Technical Design,Resource Deployment,Test Planning

Verified : Phone Number | Email - id

ID: a2ba6b69237b4addba042a5e7254a8fbLast Active: 11-Sep-20Last Modified: 11-Sep-20

Summary

A result-driven professional offering nearly 3 years of rich experience in Artificial Intelligence, Deep Learning, Machine Learning and Computer Vision with excellence in developing and using machine/deep   learning   algorithms using Python, TensorFlow, Keras, Scikit-learn and many other libraries Insightful professional with notable success in leading completion of various projects such as AI based Smart Entity Extraction (NLP), which includes Medical Entity Extraction from unstructured documents , Entity such as name of the tablet ,Chemical name , Form of the tablet & so on

Possess in-depth expertise in working on various tools, technologies and algorithms such as Scikit Learn, Pandas, Python, Numpy, TensorFlow, Keras, OpenCV, Matplotlib ,

Jupyter Notebook, Pycharm, Spyder IDE & so on Comprehensive knowledge of Classification, Clustering, Gradient Descent & Parameter tuning

Extensive experience in:

o   Advance Deep Learning Architectures

o   Deep Learning Tuning techniques

Work Experience

 Gemini Consulting Services Pvt Ltd as Machine Learning & Deep learning Engineer

Apr 2019 to Till Date

Key Result Areas:

Leading entire gamut of application development activities which includes requirement gathering, coding, design, testing, development and deployment / implementation

Entrusting with the responsibilities of building own CNN model from the scratch

Steering efforts in developing deep learning architectures and multiple machine learning algorithms Designing and establishing various machine/deep learning algorithms using Python, TensorFlow, Keras, Scikit-learn and many other libraries

Participating in review meetings with the team to discuss about the progress of projects as well as for identifying gaps and suggesting effective solutions for the same

Coordinating and collaborating with cross-functional teams to define, design and development of new applications

Analyzing customer needs, design, document, test and development of software as required to satisfy the functional and non-functional requirements

Interacting with users to define requirement for breakthrough product/solutions

 Soniks Consulting Services as Software Developer

Mar 2018 to Apr 2019

computer vision, machine learning, Nlp

FR Tech as Software Developer

Nov 2016 to Mar 2018

computer vision

Education

UG: B.Tech/B.E. (Computers) from TKR College of Engineering & Technology, Ranga Reddy in 2016

IT Skills

Skill Name	Version	Last Used	Experience
TensorFlow	1.10.0	2019	2 Year(s) 3 Month(s)
Python	3.6	2019	2 Year(s) 3 Month(s)
Keras	2.2.2	2019	2 Year(s) 3 Month(s)

Visual Studio 2017

Visual Studio Code

Windows 7, Windows 2003/2008/2012 Server

Z-brush, PyCharm

Mesh Mixer, Photoshop cc 2016

C, C++, JAVA, SQL

Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			

Hindi   Expert

Bengali Expert

Projects

Project Title: Celebrity Recommendation System

Client: Fankick

Nature of Employment: Full Time

Duration: Jan 2020 - Till Date

Onsite / Offsite: Offsite

Project Details: A new matching recommendation algorithm is proposed to help an enterprise to find one or several proper celebrities as the product name Fankick , which is social engaging application. The fans group of a celebrity, his impaction value in the social network and the matching degree between the celebrity and the product are used to determine the most suitable celebrity in social network. The attribute similarities between the target customers and the fans of the celebrity are calculated via the Pearson similarity formula. Then, considering the impaction value of the celebrity and the matching degree of the celebrity and the product which can be accessed on the website or usually available from the enterprise, an evaluation index is proposed. We use some data from Fankick user interaction data show the effectiveness of our proposed matching recommendation algorithm. Moreover, the analysis shows that the products may be different which are endorsed by the same celebrity in and off the socia

Project Title: Time Series Sales Forecast

Client: zafco

Nature of Employment: Full Time

Duration: Jul 2019 - Sep 2019

Onsite / Offsite: Offsite

Project Details: machine-learning models for sales predictive analytics. The main goal of this project is to consider main approaches and case studies of using machine learning for sales forecasting. The effect of machine-learning generalization has been considered. This effect can be used to make sales predictions when there is a small amount of historical data for specific sales time series in the case when a new product or store is launched. A stacking approach for building regression ensemble of single models has been studied. The results show that using stacking techniques, we can improve the performance of predictive models for sales time series forecasting.

Project Title: Medical NLP Entity Extraction

Client: -

Nature of Employment: Full Time

Duration: Apr 2019 - Jul 2019

Onsite / Offsite: Offsite

Project Details: automatic document processing system for the extraction of data contained in medical laboratory results printed on paper. The final goal of the Project is to automate the collection of medical data and to enable an efficient management and dissemination of the information. The following processing steps of the system are described in detail: image pre-processing layout analysis for the identification of the tables contained in the document; extraction and classification of the laboratory results. Among the many features of the system there are the use of an open source OCR engine, as a basis of further processing.

Project Title: Western Blotting Image Manipulation Detection

Client: WCM

Nature of Employment: Full Time

Duration: Apr 2019 - Mar 2020

Onsite / Offsite: Offsite

Project Details: : in the fields of biology and medicine cases have been reported in which images have been manipulated. To analyse if these manipulations can be automatically detected by

software, and to find out how prevalent such manipulations are, a software system has been developed. This system focuses on copy-move manipulations on images retrieved from western blot experiments, which is a widespread technique used for analysing proteins. It contains a crawler for automatic retrieval of public- cations, an image categorization program to identify western blot images and a manipulation detector. The system has been evaluated on created sample attacks as well as on real-world data where multiple cases of image manipulation have been found

Project Title: face recognition

Client: Care Hospital

Nature of Employment: Full Time

Project Location: Hyderabad

Role: Programmer

Duration: Mar 2018 - Mar 2019

Onsite / Offsite: Offsite

Team Size: 1

Skill Used: python

Role Description: artificial intilligence devloper

Project Details: Face recognition for visual surveillance systems is used to automatically identity or verify individual images. This project is a solution for hospital, where doctors use it for face unlock to their patients to retrieve their last check-in date and to see detailed report of patient and pharma section use it for giving patients medicines accordinglly

Project Title: Digifit

Client: Myntra.com

Nature of Employment: Full Time

Duration: Nov 2016 - Mar 2018

Onsite / Offsite: Offsite

Project Details: Digi Fit Is a Garment Digitization Process. Scan the Garments Using Kinects and DSLR Cameras. Once Scan Is Done Its Generate the Mesh of the Particular Garment. After That We have to provide the Title and Description (Like Sizes) for the Scanned Garment. And Store it in Our Database.

Digi Fit Provides to the Customers Particular Garments Based on the Body Dimensions. It Makes Customer to Select the Garments Easily.