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SUMMARY

Proven 1+ experience in IT industry worked in Development, Analytics and Operation and provide the best result-driven work. Regular contributor to system and project enhancement. Sound knowledge in Data Science and Development.



EDUCATION

PGD IN Data Science | DATA TRAINED

JAN'20 – DEC'20

Learned about all fundamentals of data science include machine learning, deep learning, web scrapping, text preprocessing and transfer learning techniques. Implement various end to end project in this period and contribute to data science community with the help of blogs, projects.

PGD IN ADVANCE COMPUTING | CDAC

FEB'19 – AUG'19

Learned from basic to advance tool and technologies in this period which include life cycle of project followed by phases of development, operations, backend followed by .NET, AngularJS, MySQL, Data Structures, GitHub and Azure Devops.

BACHELOR OF TECHNOLOGY | KURUKSHETRA UNIVERSITY

AUG'14 – JULY'18

In this period worked on multiple projects based on Advanced Java and MySQL. Gain knowledge related to operating system, data structure and devops followed by good conceptual, analytical and logical skills and ability to work in team for result driven work.



EXPERIENCE

Associate Software Engineer | Bentley Systems, Pune

SEPT'19 – PRESENT

- Worked in migration of project to Azure Devops used pipeline and PowerShell script to automate the process.
- Manage testing cycles, including test plan creation, development of scripts and coordination of various testing for software and application.
- Created User Interface including making the asset and product geolocated using coordinates and created dashboard and side panel for better navigation using ReactJS.
- Created test cases and perform automation testing using selenium on London road transport site i.e. Highway England.

Data Scientist Intern | FlipRobo Tech, Bangalore

JUN'20 – DEC'20

- Worked on multiple projects through virtual internship include supervised, image classification and text-based format.
- Worked in covid-19 hackathon machine learning based project in which we need to analyze that which type of patient are most infected by the virus by taking blood samples.
- Worked in telecom industry project in providing the micro credit loan to which type of customers by consideration of various inputs.
- Worked for e-commerce domain nlp based project followed by finding the polarity sentiment score and predict rating and behavior of customer by analyzing the reviews.



SKILLS

- Machine Learning
- NLP
- Deep Learning
- Predictive Modelling
- Python
- Azure Devops
- SQL
- Web Scrapping



PROJECTS

Flight Price Prediction

This is a Flask web app which predicts fare of Flight ticket. This project is regression type of problem include lot of feature engineering and selection where we need to predict the flight price. Click for [Demo](#)

Spam Mail Detection

This is an NLP project in which the model can predict the incoming mail whether it is spam or not spam(ham). Include text pre-processing techniques Stemming, Vectorization and Naive Bayes Algo, Click for [Demo](#)

Malaria Cell Detection

This is CNN based project which helps to identify the type of malaria cells. This include multiple labels of malaria cells. Techniques and Libraries used are Keras, Sklearn, Checkpoint to reduce overfitting and hyperparameter tuning.

Product Review Summarization

This is NLP based project consists thousands of products and their reviews, so main aim is to extract the stem words from each review of respectively products which helps customers to identify best products by reading USP and by checking average rating of each product.

Stock Price Prediction

This is time series project using LSTM in which we need to predict the expected future price by using previous trend. This project includes feature analysis and EDA to find result driven solution.



ACTIVITIES

Awards

Star Employee of Quarter, Bentley Systems

Decrease the time complexity for automation testing on highway England site and enhance the performance.

Certification

Introduction to Programming Using Python, **Udemy**

CutShort Certified Data Science – Basic, **CutShort**

Managing High Potentials, **LinkedIn**

Publications

[Basic of Linear Regression](#) | Analytics Vidhya

[Data Augmentation Techniques using OpenCV](#) | Analytics Vidhya

[Time Series Sales Forecasting](#) | Analytics Vidhya