






SHANKAR WAGH

1+ years of experience in Data Processing, Data Analytics, and Cloud Development with Expertise in ETL pipelines, Model Building, Development, Deployment, Business Intelligence, and Supporting large-scale distributed systems.

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Experience

Scloudin Software Solutions Pvt Ltd - Bangalore

Client - Qorbital

Feb 2022 – Present

Data Scientist

Responsibilities:

- Working as Big data and ETL Developer, generating insights and recommendations, proposing new metrics by collating data from several sources.
- Detail-oriented and resourceful in the completion of projects with an ability to multitask, meet strict deadlines, and be ready to take up challenges.
- A logical, analytical thinker with excellent team player skills as well as good database knowledge.
- Excellent interpersonal skills, confident and poised in interaction with individuals at all levels.

iNeuron – Bangalore

Aug 2021 – Jan 2022

Machine Learning Intern

Responsibilities:

- The main goal is to predict the risk of cultivating Thyroid disease.
- Worked on Data Exploration, Data Cleaning, Feature Engineering, Model Building, and Model Testing.
- Predicting the Thyroid disease through different classification algorithms and accepting the model based on available metrics.

The Spark Foundation

Aug 2021 – Aug 2021

Machine Learning Intern

Responsibilities:

- Perform Exploratory Data Analysis on datasets to understand the trend of the data.
- To find out the best suitable models for Regression and predictive analysis.
- Used Various visualization libraries and tools for presenting data.
- Propose solutions and strategies to various business challenges.

Technical Skills

Statistical Modeling:

Descriptive Statistics, Inferential Statistics, Hypothesis Testing, ANOVA, T-test, Z-test, Exploratory Data Analysis

Machine Learning:

Classification Algos: Decision Tree (CART), Random Forest, K-Nearest Neighbours (KNN), Support Vector Machines (SVM), Logistic Regression, Naive Bayes
Regression Algos: Linear Regression
Clustering Algos: Hierarchical, Non-hierarchical(K Means)

Text Analytics and NLP:

NLTK, TextBlob, Spacy, TF-IDF Technique

Deep Learning:

Artificial Neural Networks (ANNs), Convolutional Neural Networks (CNNs), TensorFlow 2.x

Visualization:

Tableau, AWS Quicksight, PowerBI, Seaborn, Matplotlib

Programming Languages:

Python, R(basic)

Databases:

SQL

Big Data:

Hadoop, Spark

Deployment Techniques:

Deployment on various cloud platforms like AWS, Heroku
Using Flask, Streamlit

Miscellaneous

AWS Glue, Google Big Query, AWS Sagemaker, MSK
Kafka, Jira

Education

Matoshri College of Engineering, Nashik

Bachelor of Engineering in Mechanical Engineering

Learnbay Academy, Bangalore

Full Stack Data Science and Artificial Intelligence
Program in association with IBM

Certification & POC

Data Science And AI Training

Dec 2020– Jan 2022

Project: Crop Recommendation Engine.

[GitHub Link](#) [Heroku Link](#)

- Create a data model that recommends the best suitable crop based on some input features such as the ratio of nitrogen content in the soil, temperature, ph value of soil and humidity, etc.
- Perform Data Cleaning, Feature Engineering, Model Building, and Model Testing.
- Create a web app and deploy it on the cloud using web frameworks.
- The model gives the best suitable crop for the particular soil based on user-selected input data.
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Tool Used – Jupyter Notebook, VSCode, Pandas, Scikit-Learn, Heroku

Project: Hollywood Movie Recommendation Engine.

[GitHub Link](#) [Heroku Link](#)

- Created a content-based movie recommendation engine using cosine similarity. Use Tf-IDF vectorization for making vectors.
- Apply text pre-processing for cleaning data.
- Build a model and deployed it on the cloud using web frameworks.

Tool Used – Jupyter Notebook, VSCode, Sklearn, Streamlit, Heroku

Project: Language Translation Using NLP.

[GitHub Link](#) [Heroku Link](#)

- Created Language Translation app using NLP-based library.
- Take input text from the user and produce user-selected language.
- Deployed the app in the cloud using web frameworks.

Tool Used – Jupyter Notebook, VSCode, Texblob, Flask, Heroku

Past Experience

Varroc Engg Pvt Ltd, Pune

Quality Engineer(Mechanical)

June 2018 – June 2019

- Checking Quality of product using standard gauges.
- Making reports of daily production.
- Planning and scheduling of quality with zero defects.
- Minimize break-down time and increase the productivity of the machine.

Course

Course by ISRO(IIRS)

Machine Learning to Deep Learning

Awards

- ❖ First in Roborace at Tech-Feast 2017.
- ❖ First prize in Drama at Jamboree 2018.

Extra-Curricular

- ❖ Volunteered for Bike Mania at Tech-Feast 2017.
- ❖ Volunteered for National Service Scheme for 2 years
- ❖ MESA member for 2 years
- ❖ Attend the Tech Learn session on how TESLA works using computer vision.

Languages

1 Beginner 2 Elementary 3 Intermediate 4 Professional 5 Full professional Proficiency	Listening	Reading	Spoken Interaction	Spoken Production	Writing
English	5	5	5	5	5
Hindi	5	5	5	5	5

Consulting Skills

Oral Communication	●	●	●	●
Written Communication	●	●	●	●
Building Rapport	●	●	●	●
Team Building	●	●	●	
Project Management	●	●	●	
Time Management	●	●	●	●
Questioning and probing	●	●	●	