

Ukirde Ankush Sitaram

Senior Data Scientist

Webmatrix Pvt. Ltd.

Personal Info



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Skill Sets

- Machine Learning
- Deep Learning
- Artificial Intelligence
- Statistical Analysis
- Data Mining
- Supervised Learning
- Natural Language Processing
- Image Processing
- Features Engineering
- Data Visualization
- Text Data Pattern Extraction
- MongoDB
- Client Interaction
- Team Management

Software Tools

Python  Excellent


(Pandas, Regular expression, Numpy, Scipy, Matplotlib, Scikit-learn, Flair)

R  Good

SQL  Very Good

Tableau  Very Good

SQLServer  Very Good

Google Cloud Platform  Very Good

Languages

English  Proficient

Hindi  Proficient

Marathi  Mother Tongue

Curriculum Vitae

Professional Summary:

Data Scientist with 6+ years of experience, Contribute to organizations to discover the information hidden in vast amounts of data, and support internal customers, by building models that fit the problem best. Skilled in data pre-processing, data preparing for building the models, testing model performance.

Education:

Savitribai Phule Pune University

Master of Engineering in Electronics (2014)

Total Experience: (June 2015 - Present)

1. Topbid Automation:

- Duration: Nov 2020 –May 2021
- Role Played: Design and implement algorithms, Client interaction
- Skill Used: Python, Regular expression, Word match, Data Scraping, SQL.
- Get confirmations from client on business rules and implement algorithms.
- Prepare regular expressions to extract data such as serial number, meter reading, meter unit and year from raw data.
- Matching of model, manufacturer and category of equipment with corresponding aliases in alias table and populate their ids if combination found.
- VIN decode with 17 digit serial number to get model, manufacturer, category and year.
- 71% of total records are populated correctly which leads ease in client operations.

2. CIG prediction:

- Duration: Aug 2020 –Sept 2020
- Role Played: Design & Implement ML Model.
- Skill Used: Python, Statistical Analysis, Scikit-learn, Logistic Regression.
- Created and presented models for driver recruitment prediction with 82% precision.
- The goal of this project was to call applicants for interview who were hireable.

3. Onboarding Practices Data:

- Duration: Feb 2020 –Aug 2020
- Role Played: Analyze data and build SQL views.
- Skill Used: Python, Big query, Google Cloud Platform.
- Analyze vast amount of raw data and build the SQL views for different Healthcare sections.
- Execute Parsing, CDR processing and BQ load jobs to onboard practice data.

4. Optical Character Recognition (OCR) Indexing:

- Duration: May 2019 –Jan 2020
- Role Played: Design & Implement Algorithms.
- Skill Used: Python, Tesseract, Pillow, Opencv, Regular Expressions, Image Processing, Multi Threading, windows services, NSSM.

- Created a Round Robin logic for accessing pdf files from different hospital paths.
- Converted a pdf file to text using pillow and tesseract.
- Indexing of pdf pages is done by extracting text from converted text.
- Identified duplicate pages, Page rotation, page title identification using template search.
- Used multithreading for improving performance of the algorithm.
- Created a .bat file for running program in windows services and started windows service using NSSM.

5. Business news classification:

- Duration: Jan 2018 –April 2019
- Role Played: Design & Implement ML Model.
- Skill Used: Python, Spacy, fastText, flair, GloVe and BERT Embedding, NLP, Deep Learning, Pymongo.
- Created a NLP based model for name entity recognition (NER) to identify person or organisation.
- Created a NLP based model for classification of relation direction based on 'TO' or 'FROM'.
- Created a NLP based model for relation extraction of news in four classes i.e. 'Funding', 'Acquisition', 'Hiring', 'New_offering'.

6. Design and Implementation of NLP based Chatbot:

- Duration: Jul 2017 –Dec 2017
- Role Played: Design & Implement ML Model.
- Skill Used: Python, NLP, TFIDF, Cosine similarity
- Created a NLP based model for Chatbot, to answer user utterance.
- Provided customer support for various types of transaction information commercial transaction, form submission.

7. Statistical analysis of Loan approval Prediction

- Duration: Mar 2017 –Jun 2017
- Role Played: Design & Implement ML Model.
- Skill Used: Python, Statistical Analysis, Test of Hypothesis, Scikit-learn, Logistic Regression.
- Created and presented models for loan approval prediction. Achieved 20% better returns vs historical performance.
- The goal of this project was to provide the decision making system for the bank manager.

8. Payment Terminal & Report Analytics

- Duration: Jun 2015 – Sept 2016
- Role Played: Design & Implement Visualization Dashboard.
- Skill Used: Tableau, SQL
- Payment Terminal is a comprehensive Business Intelligence solution designed specifically for online payments and chargebacks.
- translated payment data into interactive dashboards that quickly identify and act on problems and opportunities.
- helped in maximizing approvals, minimize chargebacks and reduce operational cost.

Past Organization

- 1. FigMd India Pvt. Ltd. Pune Duration- (February-2020 – Aug-2020) Senior Software Engineer**
- 2.Scorge Technologies Private Limited, Pune Duration- (May-2019 – January-2020) Data Scientist**
- 3.Van Logix, Pune Duration- (June-2015 – May-2019) ML Engineer**

Thank you for taking the time to review my resume. I truly believe that my past experience and education would make me a valuable asset for your organization. I'm particularly excited about the opportunity to learn more about data analytics and how I can contribute to that effort.

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