

Anurag Balsaraf

Machine Learning Engineer

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Professional Summary

- Having 3+ years of experience as a Machine learning engineer and Python developer.
- Have working knowledge on Machine learning and Deep learning projects with various algorithms.
- Good experience in implementing Python and its libraries.
- Good knowledge on SQL.
- Knowledge on reporting tool - Tableau.
- Sound understanding of SAS and its BI Tools.
- A focused and goal oriented mid level professional with zeal to make a winning career in Machine Learning and Data Science.

Experience

Yaska Technologies Private Limited / Machine Learning Engineer

JULY 2017 - PRESENT, HYDERABAD

Project Name- Bank Tele Marketing project (Machine Learning)

Project Objective- The objective of this project is to predict if the customer would accept to make a term deposit or not, over a marketing campaign through telephone. This project helps to save time and marketing effort in identifying a prospective customer who is likely to say yes to the offering. In a normal scenario, telemarketers call the customers and pitch in the solution that they intend to sell. Out of 100 calls, very few might say yes and there is no scientific way to predict the output. Through this project, we can identify the outcome with 87% accuracy.

Analysis- Performed Exploratory data analysis, preprocessing, feature importance and encoding methodologies on the data.

Implemented Models- Logistic Regression, Random Forest, Support Vector Machine (SVM), XgBoost, Stacking Classifier and Voting Classifier are used for the implementation.

Results- By comparing all the models performance with the help of F1 score and AUC and picked the best model which gave a test accuracy of 91.88%.

Yaska Technologies Private Limited / Machine Learning Engineer

JULY 2017 - PRESENT, HYDERABAD

Project Name- Real-Time Assisted Writing (Deep Learning)

Project Objective- The objective is to have real-time suggestions in Gmail that assists users in writing mails by reducing repetitive typing. Smart Compose helps by cutting back on repetitive idiomatic writing via providing immediate context-dependent suggestions.

Analysis- Performed Exploratory data analysis and preprocessing.

Implemented Models- LSTM, seq2seq encoder-decoder attention model.

Results- Initial implementation is done through LSTM.

Wipro Technologies Private Limited / Project Engineer

DEC 2015 - JULY 2017, HYDERABAD/ PUNE.

Project Name- Phoenix Genpact Hyderabad / Suzlon Pune.

Project Objective- Handle Data Center and Involved in handling preventive maintenance to adjust, maintain, and improve network performance and investigate security issues & root causes of system failures. Worked in compliance with industry best practices to integrate new hardware, software, and network; evaluated network and provided technical inputs on system acquisitions to senior management.

Technical Skills

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- **Data Analysis-** Pandas, Numpy, Matplotlib, Seaborn
 - **ML Toolbox-** Scikit – Learn, SciPy, NLTK, Keras, Tensorflow.
 - **Database-** SQL

Education

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- **B.E Electronic** - Nagpur University 2009-2015
 - **HSC** - Maharashtra State Board 2007-2009
 - **SSC** - CBSE 2007

Blogs

<https://medium.com/@anurag.balsaraf/bank-marketing-e03343639dbf>
<https://medium.com/@anurag.balsaraf/gmail-smart-compose-fe0053d69fb3>.