

# Digvijay Bhosale

Ph.D. (ML), M. Tech, B.E.



+91-8262967733, +91-9765396990



digvijayb1987@gmail.com



Pune, Maharashtra, India



## SKILLS

9 / 10

Python

9 / 10

Machine Learning

8 / 10

Deep Learning

7 / 10

NLP

6 / 10

C++

Python libraries (NumPy, Pandas, Plotly, Cufflinks, Matplotlib, Seaborn, Scikit-learn) | Linear | Multiple Linear Regression | Logistic Regression Ridge and Lasso Regression | K-Nearest Neighbours(KNN) | Decision Tree | Random Forest | Ada-Boost | Support Vector Machine | Naive Bayes Classifier | K-Means Clustering | Gradient Descent | ANN | NLTK | Term Frequency-Inverse Document Frequency (TF-IDF) | Word2Vector | Oracle SQL | MongoDB | Python | C++ | C | AWS | Git | Flask



## EDUCATION

Ph.D. (Machine Learning -Tribology) | VJTI, Mumbai | 2016-2019 | 84.3%

M. Tech | VJTI, Mumbai | 2009-2011 | 70.9%

B.E. | Shivaji University, Kolhapur | 2004-2008 | 65.5%



## OBJECTIVE

**3 years of working and 3 years of research experience in Data Science and Machine Learning**, and now seeking a challenging position to utilize my skills and abilities that offers professional & organizational growth, while being resourceful and innovative.



## PROFESSIONAL SUMMARY

- Recognize opportunities for leveraging company data driven business solutions through functioned with stakeholders of the organization.
- Developed progressions and tools for the improvement in the accuracy and to monitor the model performance.
- Explored ways to analyze new data and evaluate their useability in business models.
- Optimized customer experiences, other business outcomes and maximized revenue generation through developed predictive models.
- Implemented models and monitor their outcomes by effective coordination with different functional teams.



## EXPERIENCE

- 3 years** of working experience at Tech Mahindra, Pune as **Associate ML Developer** from July 2019 to till date.
- 3 years of research experience in machine learning at VJTI, Mumbai and DRDO Bengaluru** from Aug 2016 to June 2019.
- Worked at SETI, Kolhapur as Assistant Professor from Aug 2011-Jul 2016.
- Working as a Research Associate (visiting) at VJTI, Mumbai and accessing research project in collaboration with D. Y. Patil Institute of Technology, Pune.



## PROJECTS

**A readiness of user to adopt the electric two-wheelers and mode choice analysis of user**

Responsibilities:

- Execution of different types of data analysis and exploring insights on customers data
- Performing feature engineering on large data.
- Select and apply suitable ML algorithm.
- The accuracy evaluation and enhancement through various techniques.

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## GATE

Percentile: 93.11

AIR: 1587



## AWARDS/ RECOGNITION

- Editorial board member of SCI indexed journal of Elsevier and handling the section of machine learning.
- Executed DRDO project in the field of machine learning during Ph.D. work.
- Reviewer for 7+ SCI/Scopus indexed journals of Elsevier, IEEE and Springer.



## CERTIFICATIONS

- Python for machine learning and data science, Machine Learning
- Data science and deep learning with python



## STRENGTHS

- Ability to learn quickly and to apply correctly new tools and technology.
- Flexible to work independently as well as in groups.



## HOBBIES

- Drawing
- Cooking
- Watching and Playing Cricket

Subsurface data analysis and prediction of precise drilling pressure for exploration of oil and gas.

Responsibilities:

- Recognizing customer's design challenges and redefine appropriate analytics approach based on continuous feedbacks.
- Providing continuous insights on the process parameters and techniques through discussion with the multi-disciplinary teams.
- Improve models by error analysis and validate the best model for uniformity and accuracy.

Upscaling of energy efficiency for solar dryers used in food industry

Responsibilities:

- Conduct data analysis and derive insights using various statistical methodologies & data visualization.
- Formulate data cleansing, transformations, feature creation and feature selection for a given business requirement.



## JOURNAL PUBLICATIONS IN MACHINE LEARNING

1. SCI (Q1) | Elsevier, Surface and Coatings Technology (2020) | Digvijay G. Bhosale, T. Ram Prabhu| Impact Factor: 3.784, H index: 165 | <https://doi.org/10.1016/j.surfcoat.2020.126192>
2. SCI (Q1) | Elsevier, Wear (2020) | Digvijay G. Bhosale, T. Ram Prabhu, W. S. Rathod | Impact Factor: 4.108, H index: 150 | <https://doi.org/10.1016/j.wear.2020.203520>
3. SCI (Q1) | Elsevier, Surface and Coatings Technology (2020) | Digvijay G. Bhosale, W. S. Rathod| Impact Factor: 3.784, H index: 165 | <https://doi.org/10.1016/j.surfcoat.2020.125679>
4. SCI (Q1) | Elsevier, Ceramics International (2020) | Digvijay G. Bhosale, Walmik S. Rathod| Impact Factor: 3.830, H index: 100. <https://doi.org/10.1016/j.ceramint.2020.01.288>
5. SCI (Q1) | Taylor and Francis, Surface Engineering (2020)| Digvijay G. Bhosale, Walmik S. Rathod| Impact Factor: 2.433, H index: 41 | <https://doi.org/10.1080/02670844.2020.1742988>

Five more publications in SCI/Scopus indexed journals in other relevant areas of machine learning applications and also presented in IEEE, Elsevier conferences.

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## HANDS-ON TRAINING

1. One-week training programs conducted by IIT, Bombay | SCILAB| 15<sup>th</sup> June 2020 to 20<sup>th</sup> June 2020.
2. One-week training programs | Research Methodology for Engineering and Management| VJTI, Mumbai | 9<sup>th</sup> July 2018 to 14<sup>th</sup> July 2018.



## PERSONAL DETAILS

**Name:** Digvijay Gajanan Bhosale  
**Date of Birth:** 28-01-1987  
**Current Address:** Palm Breeze, B-302, Pimple Saudagar, Pune, 411 027, Maharashtra.  
**Permanent Address:** Plot No. 5, Shivneri, Shri Krishna Colony, Sambhajinagar, Kolhapur, 416 012, Maharashtra.  
**Marital Status:** Married  
**Languages Known:** English, Hindi, Marathi