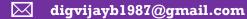
Digvijay Bhosale

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



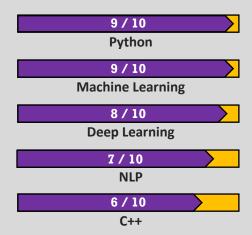




Pune, Maharashtra, India



SKILLS



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.

Digvijay Bhosale

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+91-8262967733, +91-9765396990



digvijayb1987@gmail.com



Pune, Maharashtra, India



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

- 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
- SCI (Q1) | Elsevier, Wear (2020) | Digvijay G. Bhosale, T. Ram Prabhu, W.
 Rathod | Impact Factor: 4.108, H index: 150 | https://doi.org/10.1016/j.wear.2020.203520
- 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
- 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 | 15th June 2020 to 20th June 2020.
- 2. One-week training programs | Research Methodology for Engineering and Management | VJTI, Mumbai | 9th July 2018 to 14th 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