

Prashik Bhimte

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AI/ML and Web Development-Focused B.Tech Student | 3+ Proficiency in Python, JavaScript & Frameworks

Education

Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded, B.Tech in Computer Science and engineering (Nov 2022 – June 2026)

- **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Probability and Statistics, Operating Systems, DBMS, Formal Language and Automata Theory, Software Engineering

- GPA: 8.2

Shri Maharshi Vidya Mandir English School, Chandrapur, 12th in Science (June 2021 – May 2022)

- Percentage: 87.00

St. Michael English Medium School, Chandrapur, 10th (June 2020 – May 2021)

- Percentage: 89.20

Projects

Breast Cancer Detection Model

- Utilized logistic regression to predict breast cancer presence with 96.7% accuracy and 1.96 Standard Deviation.
- Analyzed 683 instances with 11 tumor attributes,
- Leveraged Python, Pandas, NumPy, and Scikit-learn for data analysis and model development,
- Demonstrated expertise in binary classification, data preprocessing, and model evaluation.

ANN-Based Electrical Energy Output Prediction

- Developed a robust ANN model using TensorFlow and Scikit-learn, achieving 90.36% accuracy,
- Analyzed 9568 instances with 4 attributes from a Combined Cycle Power Plant dataset,
- Employed Python, Pandas, NumPy, and Scikit-learn for data preprocessing, model building, and evaluation,
- Showcased skills in regression analysis, neural networks, and hyperparameter tuning.

Predicting Passenger Survival on the Titanic Using Machine Learning Techniques

- Evaluated 5 machine learning models (Logistic Regression, SVM, KNN, Random Forest, and Artificial Neural Network),

- Preprocessed and feature-engineered the Kaggle Titanic dataset (891 training, 418 test instances, 14 features),
- Achieved 78.23% accuracy with the Artificial Neural Network, leveraging non-linear relationships,
- Demonstrated expertise in machine learning, data preprocessing, feature engineering, and model evaluation.

Volunteer Experience

Web Coordinator | Rmageddon Event (Official Robotics Club RNXG, SGGs Nanded)

- Nov 2023 – Feb 2024

- **Led a successful website redesign** to enhance user experience and drive digital growth.

Junior Web Developer | Rmageddon Event (Official Robotics Club RNXG, SGGs Nanded)

- Nov 2022 – Feb 2023

- **Contributed to web development projects** by collaborating with cross-functional teams and solving complex problems.

Technical Skills

Programming Languages: Python, C, Java, SQL, JavaScript

Data Science and Machine Learning: NumPy, Pandas, Scikit-learn, TensorFlow

Web Development: HTML5, CSS, Javascript, React js, Node js, Express js, Flask

Databases: MySQL, SQLite3

Operating Systems: Windows, Linux

Tools and Technologies: Git, GitHub, Visual Studio Code, PyCharm

Certificates and Licenses

Machine Learning A-Z: AI, Python and R + ChatGPT Prize [2024] - Udemy (Certificate of Completion)

TensorFlow Developer Certificate Exam Practice Tests 2024 - Udemy (Certificate of Completion)

Natural Language Processing with Deep Learning in Python - Udemy (Certificate of Completion)