Prashik Bhimte

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Education

B.Tech in Computer Science and engineering, Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	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

12th in Science, Shri Maharshi Vidya Mandir English School, Chandrapur	June 2021 – May 2022
10th, St. Michael English Medium School, Chandrapur	June 2019 – May 2020

Projects

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.
- Utilized Python, Pandas, NumPy, and Scikit-learn to perform data preprocessing, develop predictive models, and conduct thorough model evaluations.
- Demonstrated proficiency in regression analysis, designing neural network architectures, and optimizing models through 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.
- Exhibited strong expertise in machine learning, advanced data preprocessing, feature engineering techniques, and comprehensive model evaluation.

Volunteer Experience

Web Coordinator | Rmageddon Event (Official Robotics Club RNXG, SGGS Nanded)	Nov 2023 – Feb 2024

- Spearheaded a comprehensive website redesign to optimize user experience and accelerate digital engagement and growth.

Junior Web Developer | Rmageddon Event (Official Robotics Club RNXG, SGGS Nanded)	Nov 2022 – Feb 2023

- Collaborated with cross-functional teams to contribute to web development projects, resolving complex technical challenges and delivering high-quality solutions.

Technical Skills

Programming Languages: Python, C, Java, SQL, JavaScript, BASH scripting
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)
Complete Linux Training Course to Get Your Dream IT Job 2025- Udemy (On going)