Prasad Belure
prasadbelure07@gmail.com| +91 7387303606 | Udgir, India | LinkedIn | GitHub

EDUCATION

Vishwakarma Institute of Technology, Pune
BTECH in AI and Data Science - CGPA: 8.66 *June 2022 - June 2026*

- Coursework: Object Oriented Programming, Data Structures and Algorithms, Database Systems, Automata, Data Science , Computer Networks, Web Technology, Artificial Intelligence, Operating Systems

Cambridge College, Latur Grade 12 **Score**: 83.50

Times Public School, Udgir Grade 10 **Score**: 93.00

TECHNICAL SKILLS

- **Programming Languages** - Java, C, Python(basic), R
- **Web Development** - HTML, CSS, JavaScript, React, Node.js, Express
- **Data Processing & Analysis** - Machine Learning(Pandas, Numpy, Mathplotlib)
- **Databases** - MySQL, Mongodb

PROJECTS

Anomaly Detection in IOT networks
Tech Stack: Python, TensorFlow, Keras, Scikit-learn, LSTM, Autoencoders, Neural Networks (ANN, MLP).

- Built a system to classify cyberattacks on RPL-based IoT networks, achieving 89% accuracy with Random Forest and 84% with deep learning models like Autoencoders and CNN.
- Tackled data imbalance using GANs, SMOTE, and sampling techniques, ensuring better model training and performance.
- Enhanced feature selection with correlation matrices, Firefly algorithm, and autoencoders for improved accuracy .
- Highlighted the effectiveness of integrating ML and DL methods for detecting sophisticated attack patterns .

Book My Turf
Tech Stack: HTML/CSS (frontend) , React , JavaScript , Node.js , SQL ,

- Developed a full-stack web application to streamline the process of booking turf facilities.
- Provided users with an intuitive platform to browse, book, and give instant confirmations for turf bookings.
- Enhanced the booking experience for both customers and turf owners by eliminating the need for phone calls.

Secure Link : Real-Time Malicious URL detection
Tech Stack: HTML, CSS, JavaScript, Python, Scikit-learn, BeautifulSoup, WHOIS.

- Developed a extension to classify URLs and detect malicious content, using Random Forest and Multi-Layer Perceptron (MLP) models for accurate identification of phishing and malware sites.
- Implemented a clean and intuitive front-end interface with HTML, CSS, and JavaScript, providing seamless integration with Chrome and Brave browsersg.
- Built the machine learning-powered backend with Python and Scikit-learn, utilizing BeautifulSoup and WHOIS for data collection and URL analysis.
- Delivered a lightweight real-time solution for safe browsing with future plans of expansion and deep learning integeation

CO/EXTRACURRICULAR ACTIVITIES

- Have been a active member of TIF (The Investment Forum) a club in VIT Pune.
- Achieved 5-star rating in C on Hackerrank.
- Have taken part in Business Case Study Competitions .
- Solved 200+ LeetCode problems

CERTIFICATIONS

- Fundamentals of Deep Learning by NVIDIA and BrainyPi workshop by IoTIoT.in
- Career Essentials in Generative AI by Microsoft and LinkedIn
- Mendix Rapid Developer Certification