

Payodhi Voditelwar

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GitHub
LinkedIn

Profile

Computer Science undergraduate with a strong foundation in Python, Machine Learning, and Web Development. Experienced in building real-world projects involving deep learning, GUI apps. Quick learner with problem-solving skills and a keen interest in intelligent systems and practical ML applications.

Education

Holy Cross Sr. Sec. School

Higher Secondary Education (12th)

Scored: 75%

Raipur (C.G)

2021 – 2022

Shri Shankaracharya Institute of Professional Management and Technology

Bachelor of Technology (Computer Science & Engineering)

CGPA: 7.5

Raipur (C.G)

Oct 2022 – June 2026

Relevant coursework: Data Structures, Web Development, Machine Learning and DBMS

Technical Skills

Languages: C, C++, HTML, CSS, SQL, JavaScript, Python

Tools & Technologies: MS Excel, VS Code, Jupyter Notebook, MySQL

Vocational Trainings

Infynas Learning Solutions

Machine Learning Training

- Gained hands-on experience with supervised and unsupervised machine learning techniques
- Worked with Python, Pandas, NumPy, and Scikit-learn
- Built mini-projects involving classification, regression, and data preprocessing
- Focused on model evaluation, feature selection, and ML problem-solving

Projects

Sickle Cell Detection using Machine Learning

Oct 2025 – Nov 2025

- Developed a CNN-based system to automatically detect Sickle Cell Trait from blood smear images
- Applied preprocessing and data augmentation to improve robustness and accuracy
- Aimed at affordable and accessible screening for underserved communities

Medical Insurance Prediction Tool

May 2025 – June 2025

- Created an ML-based premium prediction tool using Scikit-learn and Pandas
- Developed a Streamlit-based GUI for real-time user interaction and predictions
- Implemented feature engineering, model training, and performance optimization

Certifications

2026: MS Excel- Go skills

Completed MS Excel certification covering spreadsheet management, advanced formulas, data visualization, pivot tables, and analytical tools to efficiently organize, analyze, and present data.

2025: Machine Learning Workshop – IIT Bombay

Hands-on training focused on supervised and unsupervised learning, model building, and real-world ML applications using Python and Scikit-learn.