

ROHIT YADAV

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EDUCATION

A.P.Shah Institute of Technology, Thane- (2021-2025)

Bachelor of Engineering(BE) -Computer Science Engineering (Artificial Intelligence and Machine Learning) -

COURSEWORK / SKILLS

- | | | | |
|--------------------|---------------------|---------------------|------------------------|
| • DSA | • Operating Systems | • Computer Networks | • Software Engineering |
| • Machine Learning | • OOPS Concepts | • Cloud Computing | • DBMS |

PROJECTS

Hand Gesture Recognition Model for Human-Computer Interaction 📄 | [Python](#), [Kaggle](#), [Tensorflow](#)

- Developed a real-time hand gesture recognition model using Convolutional Neural Networks (CNN) for gesture-based control systems.
- Integrated deep learning techniques (TensorFlow, OpenCV) to classify multiple hand gestures from image and video data with high accuracy
- Enabled seamless interaction with devices (webcams, smartphones, etc.) through intuitive gesture recognition and control
- Trained the model on a dataset encompassing diverse scenarios to improve accuracy and reliability of live detection

Disease Prediction Using Machine Learning 📄 | [Python](#), [Kaggle](#), [Google Colab](#), [Streamlit](#) **2024**

- Developed a user-friendly web interface using Streamlit framework to enable users to input symptoms and receive predictions for various diseases.
- Implemented Two machine learning models: Logistic Regression and Random Forest classifiers for disease prediction.
- Each model was trained on relevant datasets: e.g., diabetes dataset (Pima Indians Diabetes Database), liver disease dataset (Indian Liver Patient Records).
- Evaluated model performance using metrics such as accuracy, precision, recall, and F1-score to assess predictive capabilities for each disease category.

TECHNICAL SKILLS

Languages: Python, Java,

Technologies: Machine Learning, Deep Learning Libraries, Tensorflow, Docker, Git, Linux, MySQL, Power BI

Developer Tools: VS Code, Google Colab

EXPERIENCE

Prodigy Infotech

Machine Learning Intern

August 2024 - September 2024 (1 months)

Mumbai, Maharashtra, India

- During my one-month internship at Prodigy InfoTech, I had the opportunity to work on advanced machine learning projects that honed my skills in data analysis, model development, and deployment.
- My responsibilities included:
Collaborating with a dynamic team to develop and optimize machine learning models. Conducting comprehensive data analysis to identify key patterns and trends. Implementing and testing algorithms to improve model accuracy and efficiency. Presenting findings and recommendations to senior team members.
- This internship has significantly strengthened my technical abilities and provided me with practical experience in applying machine learning techniques to solve real-world problems.

Amazon Web Services (AWS)(Data Analytics)

Student Intern

December 2022 - February 2023 (3 months)

CERTIFICATIONS

- JAVA Programming- Oracle
- Programming Essentials in Python- Cisco Networking Academy
- Introduction to Machine Learning- Simplilearn
- AWS Data Analytics Virtual Internship- EduSkill
- Introduction to DevOps- Great Learning
- AWS Cloud Architect- AWS training and Certification
- Linux Essentials- Cisco Networking Academy
- My SQL Basics - Great Learning