

Projects

Human Activity Recognition | *Machine Learning, Overleaf* September 2024 – November 2024

- Developed a Human Activity Recognition model using machine learning to classify physical activities based on sensor data from accelerometers and gyroscopes.
- Implemented feature extraction and trained models using algorithms like SVM and Random Forest for accurate classification.
- Evaluated model performance using accuracy, precision, and recall metrics to ensure reliability.
- Github Repository Link: <https://github.com/ajaybarige1/Human-Activity-Recognition>

News Article Recommendation | *Machine Learning, Overleaf* February 2024 - April 2024

- Developed a News Article Recommendation system using machine learning to personalize content suggestions.
- Applied NLP techniques like TF-IDF and word embeddings, implementing collaborative and content-based filtering.
- Used Evaluated model performance using precision, recall, and F1-score metrics for accurate recommendations.
- Github Repository Link: <https://github.com/ajaybarige1/News-Article-Recommendation>

Certificates

IBM DevOps for Software Engineering November 2024

Coursera

Exploratory Data Analysis using Machine Learning April 2024

Coursera

Technical Skills

Languages C++, Java, Python

Technologies/Frameworks: Git, GitHub, Ubuntu, Linux

Skills: Data Structures and Algorithms, Analytical Thinking, Collaboration, Time Management

Education

Lovely Professional University Punjab 2022 – 2026
Computer Science and Engineering — CGPA: 5.00 *Jalandhar, Punjab*

Sri Chaitanya Junior Collage 2020– 2022
12th with Science — Percentage: 86% *Hyderabad, Telangana*

Vikas High School 2019– 2020
10th with Science — CGPA: 10 *Siddipet, Telangana*