PRAKHAR BHATT

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Summary

Hardworking and reliable professional with experience working in busy environments. Good at solving problems, working with others, and getting things done on time. Quick to learn new things and always looking to improve skills and grow in the job.

Education

- Kalinga Institute of Industrial Technology   Bhubaneswar
  Bachelor of Technology (Information Technology), 5th Semester   2022 - 2026 (Expected)
  CGPA: 9.65 out of 10.0

- HAL VIDYALAYA class 12th (CBSE)   Kanpur UP 2021
  Percentage: 93.2 out of 100

- HAL VIDYALAYA class 10th (CBSE)
  Percentage: 94.4 out of 100   Kanpur UP 2019

Projects

Human Face Detection and Recognition   Machine Learning, Python
Associated with Advanced Programming Laboratory, January 2025

- Designed and implemented a face detection and recognition system using Convolutional Neural Networks (CNNs) and OpenCV.
- Integrated OpenCV-based face detection with the CNN pipeline to automate the entire face recognition workflow from input image to identity match.
- Applied data preprocessing steps like face cropping, resizing, and normalization to improve model generalization.
- Validated model accuracy using a test set of unseen identities and visualized results using distance thresholds and embedding similarity.

URL Maliciousness Classifier   Machine Learning,Python,Pandas
Associated with Minor Project , March 2025

- Developed a machine learning system to classify URLs as malicious and benign Implemented custom text sanitization to tokenize URLs effectively
- Utilized TF-IDF vectorization to convert URLs into numerical features and Trained a Logistic Regression model achieving 98.46% accuracy.
- Serialized model and vectorizer using Python's pickle module for deployment and Implemented input handling for real-time URL classification.

Skills

- Machine Learning ,Operating systems,Database management Systems,Data Science and Analytics.
- SQL,JAVA, C, Python
- Git, GitHub, Visual Studio Code
- Pandas, NumPy, OpenCV,Tensorflow

Awards And Achievements

- Awarded Merit Scholarship for securing 2nd rank in IT branch in 3rd , 4th and 5th Semester.
- Secured 3rd rank in Class 12 (CBSE) at school level.
- Achieved 1st rank in Class 10 (CBSE) – School Topper.