Lokesh Bagmare

Nagpur | +91 7387795567 | bagmarelokesh2002@gmail.com

LinkedIn:- @lokeshbagmare | **GitHub**:- @LokeshBagmareAI | **Portfolio**:- @Lokesh-s_Portfolio.io | **LeetCode**:- @LokeshB_leet

Education

- **GH Raisoni Institute of Engineering and Technology,** Nagpur, India
  CGPA: 7.9   B .Tech (Artificell Intelligence), 2024
- **New English High School,** Nagpur, India
  Score: 71%   Class XII (General Science), 2020
- **Jawaharlal Darda Convent,** Nagpur, India
  Score: 91%   Class X, 2018

Work Experience

Artificial Intelligence Intern - CodeClause   Jan 2023 - Feb 2023
- Spearheaded development of three AI-based projects in **Computer Vision, CNN** and **ANN.**
- Contributed to data processing, feature engineering and model training.
- Gained **hands-on** experience met project deadline effectively.

Machine Learning Intern - Acmegrade   Sep 2022 - Nov 2022
- Preprocessed and cleaned large **datasets** using Python and **Pandas** to prepare for modelling
- Built and trained multiple ML models – linear regression, decision tree using Scikit-learn and TensorFlow
- Strengthened model performance using various metrics such as **accuracy**, precision and **F1-score** and
  Optimized models using cross-validation and hyperparameter tuning.
- Gained practical experience and contributed to meeting project milestones.

Web Developer Intern – Raise Digital   Dec 2021 - Mar 2022
- Deployed **responsive** and **user-friendly** website using HTML, CSS and JavaScript.
- Created and maintained **databases** using MySQL and php
- Websites – E-Commerce, Job portal.

Technical Skills

- **Languages:** C/C++, Python, HTML, CSS, JavaScript.
- **Data Structures and Algorithms** (C++)
- **Machine Learning:** NLP, NLTK, Computer Vision, CNN, TensorFlow.
- **Data Science:** Matplotlib, Seaborn, Scikit-learn.
- **Cloud Computing**: Amazon Web Services (AWS)
- **Database:** MySQL, PHP
- **Developer Tools:** GitHub, VS code, Jupyter Notebook, Google Colab.

Projects

1. Deployed Website to Amazon Web Services (AWS) (05/2023)
- Use an **Amazon S3 bucket** to host a Portfolio website.
- Enable dynamic website hosting and direct the domain to the S3 bucket using **GitHub Actions.**

2. Emotion Detection (09/2022)
- Engineered an Emotion Detection model using Machine Learning and Deep Learning Techniques to classify facial expression from videos and images with an **accuracy of 84%.**
- Captured emotions from live video streams using webcam and OpenCV, achieving a **processing speed of 30fps**.
- Prepared and validated model using CNN architecture to classify six emotions including happiness, sadness and anger

3. Personality Prediction through Resume/CV analysis System
- Successfully built a personality prediction system using NLP techniques such as modeling and **sentiment analysis.**
- Designed and implemented an intuitive and user-friendly **GUI** using Python and **Tkinter** to visualize the results.
- Achieved the accurate personality predictions by training models on comprehensive datasets.

4. Website Development Project
- Designed Food Delivery and Restaurant website using HTML, CSS, JavaScript, php and MySQL

Achievements

- Received a Letter of Recommendation (**LOR**) and Swags for Excellence in Internship by CodeClause.
- **Ranked 2nd** in the college fest coding competition TECHNOTHON '22
- Felicitated by Hon'ble Transport Minister **Nitin Gadkari with a Laptop** for Excellent performance in X Examination.