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Shreyash Mohadikar

Programming Languages: C/C++, Python, Java, HTML/CSS, JavaScript
Libraries/Frameworks : Bootstrap, Django, Flask, TensorFlow, OpenCV, Matplotlib, Scikit-learn, MySQL, NLTK
Courses: AWS Certified Cloud Practitioner - Jun 2022, Deep Learning Specialization (Deeplearning.ai) - Jan 2022, HTML, CSS, and JavaScript for Web Developers (Coursera) - Dec 2021, Machine Learning in Python (Perfect eLearning) – Feb 2022

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) AIML	Jun 20 - Ongoing	VIT Bhopal	8.17/10
Class XII	Jul 20	Shiravane Jr. College, Navi Mumbai, MH	86.31%
Class X	Jul 18	St. Mary's School, Balaghat, MP	84.83%

ACADEMIC PROJECTS

Mood Melody	▪ **Music Genre Recommendation based on Facial Expressions** (Nov 21– Jan 22) - The system detects and interprets live facial expressions, provides the option to select a preferred language, and recommends music, including options for playlists, with an interactive user interface. - Tools - Python, TensorFlow, Keras, OpenCV, HTML/CSS, Flask - Link: https://github.com/Shreyashmohadikar/Mood-Melody
Image Steganography Using Deep Learning	▪ **ML techniques to hide multiple images within a single cover image.** (Jul 21– Sep 21) - The project includes both the encoding and decoding of the images, allowing for secure and efficient communication. - Tools - Python, TensorFlow, Keras, Matplotlib, SciPy, tqdm - Link: https://github.com/Shreyashmohadikar/Projects/tree/main/Image%20Steganography
Fake News Detection	▪ **Combating Misinformation: Fake News Detection System** (Jul 21– Sep 21) - Utilizes machine learning algorithms to identify and classify fake news in online articles, improving the accuracy and efficiency of detecting misinformation. - Combines multiple classifiers to enhance the performance of the system and improve the detection of fake news on a large scale. - Tools - Python, Pandas, NumPy, Seaborn, Matplotlib, Sklearn - Link: https://github.com/Shreyashmohadikar/Projects/tree/main/Fake%20News%20Detection

INTERNSHIP

Monster India, Bangalore Jan 22 – Present	▪ **Data Science Intern** - Working on Natural Language Processing and Named Entity Recognition projects. - Responsibilities include assisting in the development and implementation of NLP and NER models, analyzing and interpreting data, and presenting findings to the team
State Bank of India, Navi Mumbai Nov 22 - Jan 22	▪ **Machine Learning Intern** - Developed a ML model for leads generation and identifying potential clients for demat accounts. - Implemented a classification model and was able to improve the accuracy from 69% to 76% compared to the previous model.
Sify Technologies Limited, Navi Mumbai Oct 22 - Nov 22	▪ **Robotic Process Automation Intern** - Built a project to automate the process of accessing devices and retrieving specific data in a large-scale format. - This involved utilizing RPA tools and techniques to streamline and optimize the data retrieval process, resulting in increased efficiency and cost savings for the organization up to 70%.

CO-CURRICULARS

Coding	▪ HackerRank 5 Star in C++, 5 Star in Problem Solving, 30 Days of Code
Open Source	▪ Contributor, Hacktoberfest (Oct 21 , Oct 22) - Involved in developing new features, algorithms and updated documentation for ML projects.

	▪ Contributor, GirlScript Summer of Code(GSSoC'22) (Feb 22 - June 22) - Improved robustness and incorporated new data sources to improve performance for projects "AI/ML Voice Assistant" & "Facial Recognition".

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	▪ Winner, HackExchange Advitya'23 (Feb 23) - Built an application for Posture Correction for Exercises using MoveNet, TensorFlow & MediaPipe under Emerging Technologies theme. ▪ Runner-up, SERB-INAE Hackathon (Sep 22) - Developed a machine learning model for text summarization of scientific articles using BART and Pegasus transformer. - The model was able to effectively summarize complex scientific articles, making them more accessible to a wider audience.
Responsibilities	▪ Core Technical Team Member, AI Club (Mar 22 – Dec 22) - Organized and conducted monthly meetings for AI initiatives. - Conducted Kaggle Competitions and workshops, mentored various projects
Extracurricular	▪ Junior Machine Learning Engineer, Omdena Tanzania Chapter (Aug 22 - Dec 22) - Data analysis lead on the project "Leveraging AI to combat Online Misinformation".

ADDITIONAL INFORMATION	
Hobbies	▪ Basketball – Played on the school team, captained under 16 squad, and always up for a pickup game. ▪ Playing Piano - Love exploring different genres and styles on the keys, always looking to improve my skills.
Languages	▪ English, Hindi, Marathi