LAKSHYA VERMA

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SUMMARY

Highly dedicated and enthusiastic learner eager to embark on a career journey driven by continuous learning and gaining valuable experience. Seeking an opportunity that will enable me to work with top professionals, pushing my limits to reach new heights of achievement.

EDUCATION

B.Tech, Electronics and Communication Engineering   Graduating 2024
Swami Keshvanand Institute of Technology, Management and Gramothan   9.12 CGPA
Jaipur, Rajasthan
Relevant coursework: Microcontrollers and Embedded Systems, Computer Architecture

INTERNSHIPS AND TRAININGS

Learn and Build Pvt. Ltd., Jaipur, Rajasthan: Data Science Trainee   July 2022 – Aug 2022

- Learned various techniques for data handling and data pre-processing.
- Developed a crop prediction ML model to forecast crop yield based on conditions like soil and temperature.
- **Technical Skills:** Python, NumPy, Matplotlib, Pandas, Scikit-learn.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

Raise Digital - 1stop.ai, Jaipur, Rajasthan: Web Developer Intern   Feb 2022 – April 2022

- Gained expertise in backend and frontend web development, database linking, and Bootstrap4 framework.
- Built an e-commerce website and a responsive Job Portal website.
- **Technical Skills:** HTML, CSS, Javascript, Bootstrap, PHP.

PROJECTS

Milk Quality Testing Using Machine Learning   March 2023 – Present

- IoT-based device to check milk quality using smart sensors (temperature, turbidity, and pH value).
- Trained machine learning model based on past data to grade the milk quality.
- **Technical Skills:** Aurdino, IoT, Machine Learning, HTML/CSS.

Face Recognition   2023

- Developed a face recognition system for user identification and verification based on facial features.
- **Technical Skills:** Python,OpenCV.
- **Project repo:** `https://github.com/lakshya2002/Computer-Vision-Face-Recognition`

Fake News Detection   2023

- Developed a system to automatically classify news articles as genuine or fake using Logistic Regression (98
- **Technical Skills:** Python(numpy,pandas), scikit learn, Logistic Regression, NLP.
- **Project repo:** `https://github.com/lakshya2002/Fake-News-Analysis`

Portfolio   2022

- Created a personal portfolio website to showcase projects and skills.
- **Technical Skills:** HTML, CSS, PHP, Javascript.
- **Project repo:** `https://lakshya2002.github.io/portfolio/#home`

YouTube Video Downloader   2022

- Real-time desktop application to download videos/audio from YouTube with quality selection.
- Used Tkinter library for the interface and Pytube for interaction with YouTube.
- **Technical Skills:** Python(Tkinter).
- **Project repo:** `https://github.com/lakshya2002/youtube_downloader`

TECHNICAL SKILLS

Languages: Python, C++, HTML, CSS , SQL
Databases: MYSQL
Libraries: Pandas, scikit, numpy, Matplotlib, Tensorflow
Interests and Domain: Frontend Development, Data Analysis, Machine Learning, Computer Vision

CERTIFICATES

Elite: Programming, Data Structures and Algorithms Using Python -IIT Madaras (NPTEL)

LANGUAGES

English: Professional proficiency
Hindi: Native proficiency