Shubham Motilal Mavaskar

Engineering Undergraduate

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Profile Summary

B.Tech graduate aspiring to excel as a Full-Stack Developer, with a solid foundation in web development and machine learning. Proficient in designing and developing user-centric web applications and leveraging problem-solving skills to deliver efficient and innovative solutions. Passionate about learning and implementing cutting-edge technologies to create scalable and impactful digital experiences.

Skill Summary

Operating system	: Windows , Linux
Languages	: C, C++, Python, Java Script, SQL, HTML, CSS, React, Java,
Frameworks	: Numpy, Sklearn, BootStrap
Tools	: MySQL
Microsoft office	: Word, Excel, PowerPoint
Soft skills	: Time management, Adaptability, Active Listening, Teamwork,

Projects

- **Plant Species Classification [Feb 2024]:**
  - Implemented a machine learning project to classify plant species based on leaf images using SVM, Random Forest, and CNN classifiers.
  - Collected and pre-processed diverse leaf image dataset. Extracted features and trained classifiers. Evaluated and compared accuracy of SVM, Random Forest, and CNN.
  - Demonstrated effectiveness of ML in automated plant species identification.
    Technology used: Python, TensorFlow, OpenCV, Scikit-learn, Matplotlib, Pandas.

- **Image base Emotion Detection [Mar 2023]:**
  - Implementation of CNN models including VGG16, VGG19 and AlexNet for identification of human emotions from facial expression.
  - Technology used: python, CNN, OpenCV,

- **American Alphabet Recognition using Sign Language MNIST [Nov 2023]:**
  - Implemented CNN model for American Sign Language alphabet recognition
  - Used MNIST dataset for training.
  - Technology used: python, CNN, OpenCV,

- **Voice assistant (Baymax) [Mar 2021]:**
  - Implemented a voice assistant using python libraries.
  - Technology used: python, SMTP, webbrowser

Education

- **Indian Institute of Information Technology Pune**   *Pune*
  B.Tech – Computer science &Engineering   *[2020-2024]*
  Courses: *operating system, OOPS, DSA, DBMS, Machine Learning*

- **Shri Mathuradas Mohota Science**   *Nagpur*
  HSC –general science   *[2019-2020]*

- **Adarsh Sanskar Vidyalaya**   *Nagpur*
  SSC-general science   *[2017-2018]*

Awards & Certificates

- **Computer Language: -** **Python [HackerRank]**
- **Other Achievements:-** Completed 30 days challenge,50 days, Badge Programming Skills 1 on Leetcode {Shubham Mavaskar}.