HIMANSHU ISHWAR WAGH

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EXPERIENCE

- **Fyle Technologies-Software Engineering Intern**   *Oct 2021-Apr 2022*

  - Worked on a data-extraction service through which data from digital and paper receipts was extracted using **ML/AI**, and **Python**.
  - Implemented **NLP** models and algorithms for text classification on extracted text.
  - Created an extractor service with integration of **AWS Textract**.
  - Proposed an updated smart layer of code using NLP to improve extraction accuracy, boosting overall accuracy from **50% to 75%**.

TECHNICAL SKILLS

- **Operating Systems:** Windows, Mac, Linux
- **Data Science:-**
  - **Statistics:**   Probability, Data Visualization and Analysis, ML Statistics
  - **Deep Learning:** Machine Learning Algorithms and Neural Networks (ANNs, CNNs) TensorFlow, Scikit-learn
  - **Natural Language Processing:** RNNs, Linguistic Modeling, NLTK, Spacy, Transformers
  - **Computer Vision**
- **Programming Languages:** Python, HTML, Flask
- **Platforms:** AWS Textract, Github, Docker
- **Database:** MySQL

PROJECTS

- **Neural Machine Translation:**   *Feb 2021*
  Neural Language Processing project for language translation
  - Project Goal: Word-level translation of English to the German language.
  - Trained Encoder-Decoder LongShort TermMemory (LSTM) model and Bidirectional LSTM with Attention and achieved over 80% accuracy.

- **Machine Learning Projects:**   *Jan 2021*
  Projects on *Classification & Regression* with more than *80%* accuracy and R2 for each project, respectively.
  - Used different techniques for Exploratory Data Analysis (EDA), Feature Engineering, and Feature Selection.
  - Improving scores by *hyperparameter tuning* using cross validation.

EDUCATION

PES's Modern College of Engineering, *BE-Mechanical Engineering* – 7.31 CGPA	*2017-2021*
Deogiri Junior College, HSC (12th) - 65.5	*2015-2017*
PSBA English School, SSC(10th)- 91.2	*2015*

LANGUAGES

- English, Hindi, and Marathi.

COURSES

- Deep Learning: Neural Networks-Udemy   *Feb 2021*
- Computer Vision Theory & Projects-Udemy   *Mar 2021*
- Complete Machine learning and Data Science-Udemy   *Dec 2020*