Rushikesh Darge

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Education

Year	Degree/Exam	Institute	CGPA/Marks
2022	Applied Roots	Applied Machine Learning	-
2021	B.E. Mumbai University	K.G.C.E, Karjat	**7.03**
2016	Higher secondary examination, MSBSHSE	K.T.H.M. College of Science, Nashik	**58%**
2014	Secondary examination, MSBSHSE	C.D.O. Meri High school, Nashik	**83%**

Experience

AxiOM Automation : Data Scientist Freelance   **(Feb 2021 - May 2021)**
- AxiOM is creating smart solutions for human intensive work using AI to make it automated.
- I work on an AI power camera for an assembly line tose determine whether or not pipes are of good quality.
- Utilizing AI cameras, we can decrease human error and boost business productivity, which increases profits.

iNeuron.ai : Data Scientist Intern   **(Jun 2022 - Jul 2022)**
- In the industry, only writing code is not enough; we need to document everything to present.
- In the internship, I had learn how to document machine learning or deep learning projects.
- I work on an NLP project where I need to classify news categories based on news content.

Projects

English to Hindi Translator (Attention model)   **(Mar 2022 - Apr 2022)**
- Hindi is a very rich and complex language unlike english and to identify these patterns ML algos struggle.
- Utilize a new technology in the **NLP** field, **Attention Mechanism**, to build an English to Hindi translator (**Blog**).
- A 25% BLEU score increase is obtained when comparing new attention models with the seq-seq models.

SaferNet With AI – Chrome Extension   **(Jan 2022 - Feb 2022)**
- On the internet, there is lots of **adult content**, even on social media sites. These platforms are must for us.
- I created a **Chrome Extension** to address this issue, similar to adBlocker, to effectively remove adult content.
- I use MobileNet **CNN architecture** and get **90% accuracy**, and that also filters webpages in **real time**. (**Blog**)

Case Study: Olist Customer satisfaction   **(Dec 2021 - Jan 2022)**
- Most customers don't post reviews. The fewer reviews, the less trust a potential buyer has in the item.
- We use sales data perform **EDA** on and use that learning to build **Machine learning model**.
- After understanding business requirements and overcome overfitting problem **deploy** model and **Blog**.

Quora Question Pair Similarity   **(Nov 2021 - Dec 2021)**
- On Quora, many people ask similarly worded questions. That can cause more time to find the best answer.
- Applying the **NLP** technique and using machine learning and deep learning, predict questions' similarity.
- Using our model Quora can decrease redundancy of questions and increase the quality of answer as well.

Training & Certificates

Kaggle Expert | SQL Certification | Image processing | Keras | RNN Models | Tree base models
Python for Data Science | PowerBI | Blog competition | Tableau

Strengths & Skills

Programming Languages : **Python | SQL**
Web Development   : **JavaScript | Flask | HTML5 | CSS**
Package/ Libraries   : **Pandas | Numpy | Scikit-learn | Keras | Matplotlib | TensorFlow**
Others   : **Web scraping |Excel |EDA | Web automation |Data Analytics**

Extra Curricular Activity

- **Instructor on Udemy** of Perfect Business plan course **(17k Students)**also started **Snacks Distribution Business**.
- **Digital marketing** - YouTube and Facebook advertisement, Instagram handles of10k followers, Logo designing.
- Member of **Silver** winning IT Table-Tennis team in KGCE Spring Fest 2019-20
- **Vipassana Meditation** Camp