

# Ajay Jangid

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Passionate and keen engineering professional with around one year of experience in designing and executing solution for business problems involving Machine learning, Deep learning, NLP based solution.

## EXPERIENCE

### **LivNsense Technologies, Bangalore - *Data Science Engineer***

Currently Present.

- Assist with further processing of the data to aid data scientists during the development process.
- Design, develop, test and generate analytics reports to help the clients.
- Conduct peer reviews of development work completed by team members.
- Write technical specifications and provide documentation of work.
- Define and communicate the work assignments and completion criteria to team members, clarify work expectations, monitor activities and report on status.
- Work with other data scientists and engineers to develop the core predictive analytics and other statistical functionality of our enterprise software platform.

### **Analysed.in, Remote — *Machine learning Intern***

May 2019 - July 2019

**Machine translation model** - Design end to end conversion model to convert one language into another language using the seq2seq model for machine understanding and user understanding.

**Deep learning AI module using Keras & Pytorch**- Designed and trained a model to analyze user behaviors like nervous, happy, sad using Keras and Pytorch library.

**Recommendations system**- Given a demonstration on recommendation system i.e Popularity based recommendation, Collaborative based recommendation and Content-based recommendation system to make personalized according to user behavior.

**Chatbot using RASA Framework**-Designed a chatbot to ease the work of both team and user and also to solve the query of a user as fast as possible.  
- Provide the user with their Application status, Interview schedule, the vacancy of jobs, opening based on user skills match.

### **Stylabs Info Solution, Mumbai — *Machine learning Intern***

July 2018 - Feb 2019

**Video-analytics YOLO** - Collected data from different resources using API and preprocessed the data for training the model to increase the performance of the AI-based classification model and increased the accuracy from 80% to 90%.

**Deep learning Generative Adversarial Network**- Researched and studied about generative adversarial network and implemented the same to solve the business problem.

## SKILLS

Machine learning, Deep learning, NLP, Flask, ComputerVision, python, GitHub, MySQL, NumPy, Pandas, Matplotlib, sci-kit-learn, Keras, Pytorch, Cassandra, Postgresql,AWS.

## AWARDS

Technical Quiz Winner

## LANGUAGES

English, Hindi

## Social Link

[LinkedIn](#)

[Github](#)

[Medium](#)

## COURSE WORK

### Applied Machine learning Course - Applied Ai 2018 - present

- As a student , studied the methodological and mathematical foundations of data science and machine learning, as well as gain practical hands-on skills.

## EDUCATION

### Shree L.R. Tiwari College of Engineering, Mumbai — *B.Tech*

June 2014 - May 2018

Electronics & Telecommunication , *CGPA-7.5*

## PROJECTS

### Protein Sequence Classification-

- Designed a Deep learning model to solve the multi-class problem of protein sequence using Natural language processing technique with 99% test accuracy.
- Deployed the model on the cloud using Flask. Project link [Github](#), [blog link](#).

### Movie Genre Tag prediction-

- Designed a Machine learning model that predicts genre tags for a given movie using Natural language processing techniques with word embedding and advanced techniques like Topic Modeling.
- Implemented using Logistic Regression with an F1-score of 4.2 and SVM with an F1-score of 4.3. Project link- [Github](#)