

## Work experience

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### TechMahindra

Apr. 2018 – Oct. 2018

Associate Software Engineer

Worked on analysing the customer data using splunk, created dashboards and reports. Used DevOps tools like OSB, OEM, Jenkins to resolve issues and providing RCA related to Problem Management.

### Smerkato

Feb. -2018 – Mar. -2018

Intern

Worked with the team to build a java application using javafx, hibernate and swing. Also built an API using Django.

## Education

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### Jain College Of Engineering, Belgaum

2013 - 2017

Bachelor of Engineering in Electronics and Communication with 70%.

## Projects

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### LANL Earthquake Prediction

Earthquake Prediction is a Regression Problem given a chunk of seismic data we Have to predict the time remaining before a laboratory earthquake occurs. I tried various feature engineering techniques and tried to improve the mae.

<https://shriganeshshirodkar.github.io/Earthquake-Prediction>

### Protein Family Classification

It is a multiclass classification problem, given the amino acid sequence we have to predict which class it belongs to. I have implemented a ProtCNN model and LSTM to predict the classes correctly.

<https://shriganeshshirodkar.github.io/Protein-Family-Classification>

### Human Activity Recognition

Human Activity Recognition is a Time Series Problem Given the time series data of different activities of the users, I have designed and analyzed various techniques including LSTMs to detect what activity a user is doing.

<https://shriganeshshirodkar.github.io/Human-Activity-Recognition>

### Quora Question Similarity

Identifying which questions asked on Quora are duplicates of questions that have already been asked. I applied various machine learning models and hyper parameter tuned them for better results. I also created an api to deploy the model.

<https://shriganeshshirodkar.github.io/Quora-Question-Pair-Similarity>

## Skills

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### Technologies Tools

Machine Learning, Deep Learning, Python, Java, C/C++, SQL, Matlab.  
Sklearn, SciPy, NLTK, Keras, Tensorflow, seaborn, matplotlib.

## Certifications

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Machine Learning

AppliedaiCourse