

Rishi Raj Singh

A Passionate Machine Learning Engineer Cum Software Developer proficient in Python, Scala, Java, and various Machine learning frameworks like Tensorflow, fastai, and Pytorch. Have experience in API as well as WebApp Development using Scala, Java, AngularJS, and Python.



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EDUCATION

Bachelor Of Technology(CSE)

Lovely Professional University

08/2017 - Present

8.12

Class 12

M.G.M Hr. Sec. School, Itarsi

04/2016 - 04/2017

Percentage:- 87.6%

Class 10

M.G.M Hr. Sec. School, Itarsi

04/2014 - 04/2015

CGPA:- 10.0

PERSONAL PROJECTS

Image Segmentation Using CNN (04/2020)

- Performed Image Segmentation on CamVid dataset with more than 93% accuracy.

One Shot Face Recognition Using Siamese Network (04/2020)

- Performed One shot Learning with single photo per person face reorganisation using Siamese Neural Network.

Imdb Rating Classifier Using NLP (02/2020)

- A classifier that can classify text review whether it is positive or negative using NLP.

Dog-Cat 37 Species Classifier (03/2019)

- The project is the foundation of learning Transfer Learning i.e Classifying images using a pre-trained neural network, RESNET50 in this case.

Python Automation For Cricket Score (12/2019)

- An automation program in python which will send cricket updates on your whatsapp number.
- Learned To Python Automation Libraries.

WORK EXPERIENCE

Machine Learning Research Intern Buddi.ai

07/2020 - Present

Achievements/Tasks

- Applying Machine Learning on Medical Data and Electronic medical records to develop various Api and web app.
- Data Management in ElasticSearch.

SKILLS

Data Structures And Algorithm

Python

Scala

Java

AngularJS

Pytorch

Fastai

Tensorflow

Keras

HTML5

CSS3

AWS

GCP

Linux Administration

Play Framework

ElasticSearch

Spark

kafka

Situation Awareness

Decision Making

Communication Skills

CERTIFICATES

Codechef Certified Data Structures and Algorithm(CDSDAP) Foundation Level (08/2019 – Present)

This certification is an assessment of programming proficiency in Data Structures and Algorithms under a proctored environment

Deep Learning Specialization

A Coursera Course Certificate

Neural Networks and Deep Learning

A Coursera Course Certificate

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

A Coursera Course Certificate

Structuring Machine Learning Projects

A Coursera Course Certificate

Convolutional Neural Networks

A Coursera Course Certificate

Sequence Models

A Coursera Course Certificate

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Deep Learning

Competitive Programming

Full Stack Development

Cloud Computing

Data Science