

# ALOK RANJAN

PYTHON DEEP LEARNING ENTHUSIAST  
JS FULL STACK DEVELOPER

## PROFILE

- <https://www.alokprofile.com>
- <https://eportfolio.greatlearning.in/alok-ranjan>
- <https://alokranjan04.github.io/>
- <https://www.linkedin.com/in/alok-ranjan-34380910/>

## Certification

<https://app.codility.com/cert/view/certK4XYQS-8WKCQ8KHDUMMT769/>

## CONTACT

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## INTERESTS

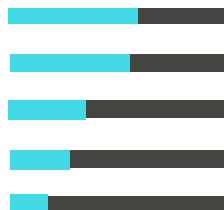
Python, Numpy, Pandas

UI/UX,AngularJS 1.x,

OpenCV,CNN,Transfer Learning

LSTM,RNN, Word Embedding

React-Redux, NodeJS



## SKILLS

Python



OOJS



React-Redux



CNN, LSTM



## EDUCATION

**BMSIT BANGALORE, 2007**

Electrical & Electronics

**G & H HIGH SCHOOL,RANCHI 2001**

12th -Phy, Chem , Math

**INDIAN SCHOOL OF LEARNING,DHANBAD 1998**

Secondary Education

## WORK EXPERIENCE

**CONCENTRIX GLOBAL • OCT 2015-NOW**

Senior Software Engineer

**CA TECHNOLOGY • MAR 2014-AUG-2015**

Senior Software Engineer

**FREELANCING • FEB 2013-MAR 2014**

Consultant

**ABB GLOBAL • MAR 2012-FEB-2013**

Software Engineer

**WDC TECHNOLOGY •APR 2010-DEC -2011**

UI Developer

**TARAMS SOFTWARE •JUN 2007-MAR -2010**

Software Engineer

## LATEST PROJECTS

### **Project 1:** Python Spell Check

**Skills and Tools:** Python, Google Colab, Flask, Python Collections

**Role:** Individual contributor

**Link:** <https://colab.research.google.com/drive/1F8L0WS2zbPEhU5W7nsqie9pVLt8tBn9Q>

Developed spell check application which gives the offset value of the incorrect words, best suited words as well as the probability of nearest words

### **Project 2:** Python Text Summariser

**Skills and Tools:** Python, Google Colab, nltk corpus, numpy, networkx

**Role:** Individual contributor

**Link:** <https://colab.research.google.com/drive/1pwi1KnKlisLqgcHsnyaM6-ywSzE8x4h6>

Developed text summariser application which gives the summarisations of given Sentence in a file

### **Project 3:** Implementing a Image classification neural network to classify Street House View Numbers

**Skills and Tools:** Neural Networks, Deep Learning, Keras, Image Recognition

**Role:** Individual Contributor

**Link:** [https://colab.research.google.com/drive/1jGG\\_NKcE68YzheTtRbjQbUQcvVTSuTY-](https://colab.research.google.com/drive/1jGG_NKcE68YzheTtRbjQbUQcvVTSuTY-)

SVHN is a real-world image dataset for developing object recognition algorithms with a requirement on data formatting but comes from a significantly harder, unsolved, real-world problem (recognizing digits and numbers in natural scene images). SVHN is obtained from house numbers in Google Street View images. The objective of the project is to learn how to implement a simple image classification pipeline based on the k-Nearest Neighbour and a deep neural network.

### **Project 4:** Natural Language Processing Fake News Detector

**Skills and Tools:** LSTM, Attention Models, RNN, Word Embedding

**Role:** Individual contributor

**Link:** <https://colab.research.google.com/drive/1LF91ayOdNFArfpj675dtyi03QCt5mIM8>

The goal of Fake News detection is not to directly identify whether a headline or article is “fake” or not, which is arguably a highly subjective question, and one that even skilled humans may have difficulty answering. The objective is around the well-defined problem of “stance detection,” which involves comparing a headline with a body of text from a news article to determine what relationship (if any) exists between the two.

**Project 4:Face Recognition**

**Skills and Tools:** computer Vision, CNN, Transfer Learning, Object detection

**Role:** Individual contributor

**Link:** [https://colab.research.google.com/drive/1DBfsNTp7KQ4\\_9I-j9B\\_3U599n0tI6EKK](https://colab.research.google.com/drive/1DBfsNTp7KQ4_9I-j9B_3U599n0tI6EKK)

Recognise, identify and classify faces within images using CNN and image recognition algorithms. In this hands-on project, the goal is to build a face recognition system, which includes building a face detector to locate the position of a face in an image and a face identification model to recognize whose face it is by matching it to the existing database of faces.

**Project 5 :Dashboard from google sheet**

**Technology Used :** HTML, CSS ,Javascript, JQuery, Highchart plugin

**Github Code:** <https://github.com/alokranjan04/dashboard.github.io>

**Working Application:** <https://alokranjan04.github.io/dashboardFromSheet.io/index.html>

**Role:** Individual Contributor

Developed an application which can create a data table and pie chart graph from any google sheet which has tables in it. The best feature about this dashboard is it automatically determines the numerical column of the table ,it filters out the data and creates pie chart of it.

In the next version, this dashboard will be able to draw any kind of graph from the drop down in the selected list