

# Shivam Kumar

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<https://github.com/anshuak100>

## Education

2014–2018 **B.E.**, in *Information Technology*, Indira Gandhi Engineering College, Sagar, with CGPA - 6.85.

2011–2013 **INTERMEDIATE**, Bihar School Examination Board, Patna, with 71.80 percentages.

2010–2011 **Class X**, Bihar School Examination Board, Patna, with 79 percentages.

## Projects

Title **Personalized Cancer Diagnosis**

Description We have two data files: one contains the information about the genetic mutations and the other contains the clinical evidence (text) that human experts/pathologists use to classify the genetic mutations. Both these data files have a common column called ID. The problem statement is 'Classify the given genetic variations/mutations based on evidence from text-based clinical literature'.

Implementation Medical software.

Skills Machine Learning, sklearn, Python

Github <https://github.com/anshuak100/Personalized-cancer-diagnosis>

Title **Amazon Fine Food Reviews**

Description Amazon Fine Food Reviews is a classic Sentiment Analysis problem used to classify the polarity of the review given by the Amazon user. Given the textual reviews and related features of the product, I have designed various techniques to classify the polarity of the review.

Implementation E-commerce Applications, Browser Extension.

Skills Data Visualization, Machine Learning, Python.

Github <https://github.com/anshuak100/Amazon-food-review-analysis-and-applying-different-model-on-it>

Title **Quora question pair similarity**

Description Identify which questions asked on Quora are duplicates of questions that have already been asked. This could be useful to instantly provide answers to questions that have already been answered. We are tasked with predicting whether a pair of questions are duplicates or not.

Skills Machine Learning, Python.

Github <https://github.com/anshuak100/Quora-question-pair-similarity>

Title	<b>Stack Overflow tag predictor</b>
Description	Suggest the tags based on the content that was there in the question posted on Stackoverflow.
Skills	Machine Learning, Python.
Github	<a href="https://github.com/anshuak100/Stack-Overflow-tag-predictor">https://github.com/anshuak100/Stack-Overflow-tag-predictor</a>
Title	<b>NIH Chest X-ray disease predictor</b>
Description	Suggest the diseases based on the X-ray images of chest.
Skills	Deep Learning, Python.
Github	<a href="https://github.com/anshuak100/NIH-Chest-X-ray-Dataset">https://github.com/anshuak100/NIH-Chest-X-ray-Dataset</a>
Title	<b>Retinal OCT Images</b>
Description	Classify the disease by looking up the retinal optical coherence tomography images. There are four classes in this datasets - NORMAL,CNV,DME,DRUSEN
Skills	Deep Learning, Python.
Github	<a href="https://github.com/anshuak100/Retinal-OCT-Images">https://github.com/anshuak100/Retinal-OCT-Images</a>

## B.E. Projects

Title	<b>Text Search Engine</b>
Description	For text data, we have used the wikipedia pages in the form of XML, this project gives a flavour of how search engine works. The user interaction part is that user need to provide search query and program gives top 10 wikipedia links related to search query.
Implementation	Internet text search application.
Skills	Java, Machine Learning

## Industrial Experience

Summer Trainee	<b>PHP PROGRAMMING - CRISP BHOPAL</b>
Description	15 days training program on Php programming, where i learnt about basics of HTML, CSS, JS, and Php.

## Technical Skills

Programming	C, C++, Java, Python, SQL.
Data Analysis	Pandas, Matplotlib, Seaborn, Numpy.
ML Toolbox	Sklearn, SciPy, NLTK, Statsmodel, Keras, Tensorflow.
Areas of Interest	Deep Learning, Machine Learning, Algorithms and Data Structures

## Relevant Courses

Subjects	Data Structures and Algorithms, Databases, Computer Networks, Theory of Computations, Compiler Design, Artificial Intelligence, Operating System
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## Personal Details

Gender Male  
Date of Birth 10/01/1997  
Languages Hindi, English.  
Known  
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