

# SAKSHI PRASAD

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## EDUCATION

### BIT MESRA

INTEGRATED MATHS AND  
COMPUTING (IMSc.)  
2016-2021 | GPA: 8.8

### DELHI PUBLIC SCHOOL,RANCHI

PCM WITH COMPUTER SCIENCE  
2014-2016 | CBSE | Percentage: 87.8

### SACRED-HEART SCHOOL,RANCHI

-2014 | ICSE | Percentage: 95.2

## LINKS

Github:// Sakshi-2307  
LinkedIn:// sakshi-prasad-0236b91a7  
Hackerrank:// sakshinky  
CodeForces:// sakshinky

## COURSEWORK

### COLLEGE CURRICULUM

Machine Learning  
Discrete Mathematics  
Computer System Architecture  
Database Management System  
Data Structures and algorithms  
Algorithm Design and Analysis  
Operating Systems  
Object Oriented Programming

### COURSES AND CERTIFICATIONS

Full Stack Web Development-Coding  
Ninjas  
Data Science and Machine Learning  
-Coding Ninjas  
Software Engineering Virtual Experience-  
JP Morgan Chase Co.  
Tech Consultant Virtual Internship -  
Deloitte

## SKILLS

### Languages and Frameworks:

Java • C++ • Python • Javascript  
• Matlab

### Full Stack Web Development:

HTML,CSS,PHP • ExpressJS • NodeJS •  
ReactJS

### Data Science and Machine Learning:

Tableau • Numpy • Pandas • MySQL  
MongoDB • Keras •  
Tensorflow • Selenium, BeautifulSoup •  
GIT • NLP

## EXPERIENCE

### STEEL AUTHORITY OF INDIA LTD. | TRAINING - WEB DEVELOPMENT

05/2019 – 07/2019

- Understanding of Server System in R and D Centre for Iron and Steel -Computerisation and IT wing, Ranchi.
- Developed Online Taxi Booking system using HTML,CSS,.php, MySQL, JavaScript.

## PROJECTS

### GRADIENT DESCENT | LINEAR REGRESSION CLASSIFICATION

Coding Gradient Descent from scratch , on Linear Regression classifier predicted- 1. House Pricing for Boston Dataset 2. Energy Output in CombinedCycle Powerplant

### DECISION TREE PROJECT

Built the decision tree classifier from scratch to predict values for IRIS Dataset.

### PROJECT TEXT CLASSIFICATION | NLP,NAIVE BAYES

Using Multinomial Naive Bayes algorithm and NLP, built a text classifier to classify the text into 20 different classes and achieved accuracy of upto 80

### CIFAR-10: IMAGE CLASSIFICATION | PCA,CNN

Trained a CNN model to classify images into 10 different classes. Training was done with 50,000 images, performed testing over 10,000 images. Accuracy achieved > 85

### TWITTER API SENTIMENT ANALYSIS | NAIVE BAYES, NLP

For a given Twitter US Airline Sentiment Dataset, which contains data for over 14000 tweets, task was to predict the sentiment of the tweet i.e. positive, negative or neutral.

### PROJECT INSTABOT | SELENIUM, PYTHON

Automates instagram activity by using Selenium WebDriver and python includes liking, following, commenting, unfollow.

## AWARDS,ACHIEVEMENTS AND

## EXTRACURRICULARS

2009	2nd Runner Up - UCMAS Mental Ability Contest
2010	3rd Runner Up - UCMAS Mental Ability Contest
BIT MESRA	Departmental Rank 3 (2016-2021)
CHEGG India.	Subject Matter Expert- Mathematics
2020	Ranked 747/30000 Coding Ninjas Campus Hire 2020

## LANGUAGES KNOWN

ENGLISH, HINDI AND GERMAN