



# DEBOJYOTI MONDAL

Data Scientist

Looking for challenging roles in Data Science, Analytics and Software Development

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## EDUCATION

### MS

BIG DATA ANALYTICS, RKMVERI

09/2020 - Present

### BTech

Jalpaiguri Govt Engineering College

09/2013 - 09/2017

Courses

- Electrical Engineering

## WORK EXPERIENCE

### Data Scientist

Thetaone Software Developers Pvt Ltd

09/2021 - Present

Achievements/Tasks

- Automatic image to text extraction and pattern matching of GST Bills using OCR & Regex

### Data Scientist

RKMVERI

09/2020 - 03/2021

Achievements/Tasks

- Feature extraction and object classification using CNN and Deep Learning techniques
- Object detection and tracking, Image filtering and edge detection using OpenCV
- Statistical analysis and inference of Zomato & Bank datasets in R and Python using GGplot and Matplotlib
- Remote sensing, fault estimation and facies prediction using Big Data Techniques

### Project Associate

JGEC, Electrical Engineering

02/2017 - 03/2018

Achievements/Tasks

- Earthing Grid Design using Charge and Current Simulation Methods in hilly regions with heterogeneous soil
- First author of reputed International Journal IET Generation, Transmission & Distribution
- First Author of conference paper in Recent trends in Information Technology and Management

## SKILLS

Python

R

C

HTML

MATLAB

LATEX

Pytorch

OpenCV

Tensorflow

MLops

Hadoop

Docker

Spark

SQL

Neo4j

Excel

Data Visualisation

Microsoft Office

## PERSONAL PROJECTS

Edge Detection, Object tracking & classification, Hough Transform, Image filtering and processing

Analysis of restaurant types, sales, food types and demand, budget estimation across Kolkata restaurants

Data Visualisation of various Kaggle Datasets

Analysis of soil resistivity and prediction of optimized grid design using simulation techniques

## CERTIFICATES

Data Science for Engineers

GATE Electrical Engineering

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Bengali

Full Professional Proficiency

## INTERESTS

Vedanta Philosophy

Coding

Scriptures

Scientific & Technological innovation updates

Spiritual Development

Data Science Updates

Maths

Indian Classical Music