

# Deepanshu Mourya

🏠 thedeepanshumourya.github.io | ✉ deepanshumourya17@gmail.com | 📞 +91-9013909246 |

## EDUCATION

### MAIT, GGSIP UNIVERSITY

#### BTECH IN INFORMATION TECH

Attended: 2016-2020 | Delhi, India

CGPA: 7.18/10

## PROFILES

Github: theDeepanshuMourya

Linkedin: thedeepanshumourya

Leetcode: thedeepanshumourya

Hackerrank: deepanshumourya

Geeksforgeeks: deepanshumourya

## COURSEWORK

### UNDERGRADUATE

Data Structures

Algorithms Design & Analysis

Discrete Mathematics

Object-Oriented Programming

Database Management System

Data Communication & Networks

Operating System

Cloud Computing

Artificial Intelligence

### INDEPENDENT

Udemy:

Advanced Algorithms in Java

Spring & Hibernate for Beginners

Coursera:

Machine Learning

## SKILLS

### PROGRAMMING

Day to Day:

Java • Python • HTML • CSS

Familiar with:

Java Server Pages (JSP) • Spring Boot

Hibernate • Maven

Database & Cloud:

MySQL • Amazon Web Services (AWS)

Other:

Apache Tomcat • Git • Tensorflow

Keras • Scikit-Learn

### STRENGTH

Algorithms • Data Structures • OOPS

Problem Solving

## EXPERIENCE

### TELIBRAHMA SOFTWARE SERVICES LLP | ML INTERN

Mar. 2019 - Jun. 2019 | Remote

- Created an **Object Detection + Automatic Number Plate Detection** model which focuses on detecting vehicles to define a region of interest (ROI) and performing an OCR on ROI for Indian car number plates in real-time.
- The model was integrated with a socket server along with deployment to an **AWS instance**.

### CONSTEMS-AI SYSTEM PVT. LTD. | SOFTWARE ENGINEER INTERN

Jun. 2018 - Jul. 2018 | Noida, India

- Built an alpha version of an **Integrated UI/UX for an AI-based Grading System** & an **Advanced System Control for an AI-Powered Camera** for Linux Operating System.
- Solely responsible for the **design and development** of the above alpha model.

## PROJECTS

### SIGNIFY | NATURAL LANGUAGE PROCESSING, PYTHON

View Project

- Developed a **Sign Language Translator**, which takes real-time speech input and generates sign language symbols for that, thereby eliminating the need for an interpreter.
- Used Natural Language Toolkit (NLTK) to add **sentiment analysis** support which uses 2-way polarity (positive & negative) classification system for input.

### IKEA IMAGE CLASSIFIER | DEEP LEARNING, WEB SCRAPING, PYTHON

View Project

- Wrote a python script to perform data collection of images using **web scraping** technique to create a dataset from the IKEA website.
- Built a Deep Learning Model which uses a **convolutional neural network based image classifier** implemented in keras to classify images into 4 categories - beds, tables, chairs and tableware.
- The model successfully achieved an accuracy of about 92% on the training set and 85% on the test set.

### EMAIL VERIFICATION USING LINK | J2EE, REST, APACHE TOMCAT

View Project

- Created a Java application to **generate verification links** and send the user an email requiring them to click the link to verify their email before their email is added to whatever you want to add it to.
- This helps to verify users through their email and **prevent spam users**.

### IBANK | JAVA, SWING, MYSQL

View Project

- Developed a **desktop application** for banking purposes, capable of creating new accounts, depositing & withdrawing money along with fetching & displaying customer lists and transaction details.