

# Deepanshu Mourya

FULL STACK DEVELOPER · MACHINE LEARNING ENTHUSIAST

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## Education

### MAIT (Maharaja Agrasen Institute of Technology)

New Delhi, India

B.TECH. IN INFORMATION TECHNOLOGY

Aug. 2016 - Jun. 2020

- Relevant coursework of Discrete Mathematics, DBMS, Operating Systems, Algorithms Design & Analysis, Object-Oriented Programming, and Data Structures.
- CGPA: 7.09/10

## Work Experience

### Freelancer

New Delhi, India

MACHINE LEARNING DEVELOPER

Nov. 2018 - PRESENT

- Currently working as a Freelance Machine Learning Developer.
- Implemented many basic ML algorithms for some small scale projects.

### Google Developers Group

New Delhi, India

ORGANISATION MEMBER

Sep. 2018 - PRESENT

- Member of Google Developers Group, New Delhi Chapter.

### Constems-AI System Pvt. Ltd.

Noida, India

SOFTWARE ENGINEERING INTERN

Jun. 2018 - Jul. 2018

- Solely responsible for the design and development of an Integrated UI/UX for an AI-based Grading System and an Advanced System Control for an AI Powered Camera for Linux Operating System.
- Technologies used: Qt, MySQL.

## Projects

### Kaggle House Prices

WRITTEN IN PYTHON

Jan. 2019

- Developed a Machine Learning Model for Kaggle House Price Prediction Competition to predict house prices and to perform data visualization techniques to understand the insights of the data.
- Created an ensemble model of Lasso Regularisation, LightGBM, & XGBoost.
- Secured a rank of 650 out of 4305 participants which counts as top 15%
- Technologies used: Numpy, Pandas, Scikit Learn, Matplotlib, LightGBM, and XGBoost.

### Email Verification Using Link

WRITTEN IN JAVA

Oct. 2018

- 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 from spam users.
- Technologies used: Java EE, JSP, HTML & Bootstrap along with MySQL Database.

### IBank (Banking Management System)

WRITTEN IN JAVA

May 2018

- Developed a Windows application for normal banking purposes which is capable of creating a new account, depositing and withdrawing money as well as fetching and displaying customer lists and transaction details.
- Technologies used: Java Swing along with SQLite Database and Data Structures concept.

## Extracurricular Activity

### Bhumi NGO

New Delhi, India

VOLUNTEERING

Jan. 2016

- Volunteered as a Peer Mentor to help children.

### Rotaract

New Delhi, India

STUDENT VOLUNTEER

Nov. 2015

- Volunteered for Rotaract Club during a Blood Donation Camp.