



## PRADUM KUMAR DUBEY

B.Tech. - Computer Science & Engineering

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Pune, Maharashtra, India - 412201



### BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

To work for an organization that provides me opportunity to improve my skills and knowledge to grow along with the organization's objective

### KEY EXPERTISE / SKILLS

Python HTML5 CSS Javascript SQL MongoDB NodeJS ReactJS Express.js Bootstrap EJS

### EDUCATION

#### MIT ADT - School of Engineering

2018 - 2023

B.Tech. - Computer Science & Engineering | CGPA: 6.89 / 10.00

#### St. Marys, Bhadohi

2017

12<sup>th</sup> | CISCE | Percentage: 83.20 / 100.00

#### St. Marys, Bhadohi

2015

10<sup>th</sup> | CISCE | Percentage: 75.33 / 100.00

### INTERSHIPS

#### Sparks Foundation

Intern at Spark Foundation

01 Jul, 2022 - 03 Aug, 2022

Key Skills: HTML5 CSS Javascript MongoDB

Task 1: Basic Banking System is based on money transaction between users-users and user- manager. Technologies used: For frontend : HTML, CSS, JS and Bootstrap. Backend : nodeJS. Database : mongodb. Can check certificate at: <https://truecertificates.com/verified/ECNPDPAU5> website available at <https://banking-system-8u69.onrender.com>

#### Verzeo

Software Engineer Intern

01 Apr, 2021 - 31 May, 2021

Key Skills: Pandas NumPy libraries Supervised learning Unsupervised Learning ML models Machine Learning

Use of Pandas, Numpy, Matplotlib, Seaborn . We learned how to clean data and about all instruments used to cleaning data. certificate at: [https://drive.google.com/file/d/1bQ3qF9XXUGzkMnX3Xubq3B0zHWblEWiJ/view?usp=share\\_link](https://drive.google.com/file/d/1bQ3qF9XXUGzkMnX3Xubq3B0zHWblEWiJ/view?usp=share_link)

### PROJECTS

#### Fake Post Detection

15 Sep, 2022 - 19 Nov, 2022

Mentor: Prof. Abhishek Das | Team Size: 4

Key Skills: Bi-Directional LSTM Python Deep Learning

Fake posts are a rising problem that only complicates matters and seeks to alter or impair peoples' attitudes and beliefs about using digital technologies. Fake News Detection system, which accepts user input and designates it as real or fake, in attempt to eliminate the situation. Various NLP and machine learning techniques are used to implemented this.

Report: [https://drive.google.com/file/d/1P-tqXVZOIT3kZIWZm\\_sLHyKwJrtJ9il/view?usp=share\\_link](https://drive.google.com/file/d/1P-tqXVZOIT3kZIWZm_sLHyKwJrtJ9il/view?usp=share_link)

#### Housing Price Prediction via Improved Machine Learning Techniques

01 Mar, 2021 - 15 May, 2021

Mentor: Dr. Nilesh Marathe | Team Size: 4

Key Skills: Data Mining Machine Learning House price forecasting Linear Regression Real Estate

The goal of this project is to predict the efficient house pricing for real estate customers concerning their budgets and priorities. This application helps customers to invest in an estate without approaching an agent. For housing price prediction we have use machine learning and linear regression method.

Report: [https://docs.google.com/document/d/1Oyq27kMy\\_HCLTbnJjk8pxnWkxOYDk4u/edit?usp=share\\_link&oid=112979547426105821604&rtpof=true&sd=true](https://docs.google.com/document/d/1Oyq27kMy_HCLTbnJjk8pxnWkxOYDk4u/edit?usp=share_link&oid=112979547426105821604&rtpof=true&sd=true)

#### Face Mask Detection and Social Distancing Monitoring

15 Oct, 2020 - 30 Jan, 2021

Mentor: : Dr. Reena Pagare | Team Size: 3

Key Skills: Python OpenCV YOLO (CNN) Deep Learning Computer Vision AI MobileNet

This project is about development of a generic Deep Neural Network-Based model for mask detection, tracking using cameras and also we developed second application for social distancing monitoring application with the help of Python combined with deep learning and computer vision to monitor social distancing and detect face masks.

Our research Paper can be accessed from <https://doi.org/10.22214/ijraset.2021.32823>

## PUBLICATIONS / RESEARCH / WHITE PAPERS

### Face Mask Detection and Social Distancing Monitoring

15 Oct, 2020

International Journal for Research in Applied Science & Engineering Technology (IJRASET) | **Mentor:** Reena Pagare |

**No. of Authors:** 3

**Key Skills:** Python OpenCV YOLO (CNN) Deep Learning Computer Vision AI MobileNet

This project is about development of a generic Deep Neural Network-Based model for mask detection, tracking using camera.  
Our research Paper can be accessed from  
<https://doi.org/10.22214/ijraset.2021.32823>

## WEB LINKS / IMs

- WhatsApp - 8318661938
- LinkedIn - <https://linkedin.com/in/pradum-dubey-55009a1ba>
- Personal - <https://pradumdubey.in>
- Github - <https://github.com/AKASHPRADUM>

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** 101 sawali apartment, near MIT, Vishwaraj hospital  
LONI KALBHOR 412201, Pune , Maharashtra, Pune, Maharashtra,  
India - 412201

**Email:** pradumkumardubey@gmail.com

**Date of Birth:** 11 May, 2000

**Known Languages:** English, Hindi

**Permanent Address:** Bardaha ,Amwa khurd, near chori bazar,  
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