



# Pradhuman Singh

Junior Software Developer

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A Penultimate year student, learning React & ML/Data Science in Python.

## WORK EXPERIENCE

### NLP & Data Analysis Intern

Spotle Ai ✎

02/2021 - 03/2020

An Educational Platform - [Report](#) - [Project](#)

#### Achievements

- Twitter trend analyzer using NLP and text-processing techniques which work on a given set of tweets, related to COVID19 / CORONA.
- Created a Word Cloud depicting trends on Twitter, Graphs depicting trending hastags & Handles that dominate the conversation on Twitter.
- Sentimental Analysis on the given dataset on basis of change in person's sentiment & sentiments of people over time.
- Analyser also detects the activity of the user on twitter on basis of time of day & day of the week.

### Summer Internship

Lets Go Social ✎

06/2020 - 07/2020

A service based startup based in UK and India - [Certificate](#)

#### Achievements

- Assisted Team on development of webpages using HTML/ CSS/ Js as front end and using PHP in backend framework.
- Gave Ideas for improved design/ ideas and add on features for better UI/UX & modular code.

## PERSONAL PROJECTS

### PageRank (11/2020) ✎

- This Program ranks webpages, based on PageRank Algo developed by Larry Page.
- It will provide an option to generate JSON file to export scraped data which can be used for web services, creating graphs, applying ML etc on retrieved data.

### Portfolio Website (07/2020 - 09/2020) ✎

- This is a responsive website with UI/UX design, using syntactically correct HTML5, CSS3 & Js and aims for wider audience including those with impairments.
- Dynamic UI/UX React form, Snake Game, Weather App developed by me are also attached.
- It provides details about my skillsets (using graphs), edited gallery & blog.

### Operations (04/2020 - 05/2020) ✎

- Handles any invalid input by re- prompting or exiting.
- Includes Word filter, Credit Card Recognizer (Luhn's Algo), US Grade text (Coleman-Liau Algo), web scraper of IMDb to retrieve reviews, find/ create histogram, mean, median, mode & Scientific calculator.

### Image Transform (04/2020 - 04/2020) ✎

- Assists in transformation of a given image with Filters for spotlight, color & watermark.
- Project prompts the user for color filter (choice of color to tint image) or spotlight (Brightening the image at given point while dulling out radially) or watermark for the image provided.

## EDUCATION

### B.Tech

MAIT ✎

08/2018 - Present

Current GPA - 8.3

#### Major Subject

- Computer Science & Engineering

## SKILLS

Adobe Ps/ Pr

Critical Thinking

HTML5

CSS3

Js

React

C/C++

Java

Python

Data Structures

Teamwork

## OPEN SOURCE PROJECTS

### GSSOC (03/2021 - Present)

Working on Project Sakura (a custom rom with 84000+ downloads).

### Web Developer - ICICC (09/2020 - Present)

ICICC is sponsored by Ministry of Electronics and Information technology (MeitY). Designed website [online-conf.com](#) guided by [Dr. Deepak Gupta](#). Working on icdam-journal & [icc-journal](#).

## CERTIFICATES

### Data Science Bootcamp (02/2021) ✎

Evaluates the success of startup using (Linear, Decision Tree & Random Forest Regression) ([Project Link](#))

### FullStack Dev Bootcamp (02/2021) ✎

Snake Game Project ([Project Link](#)) ([Hosted Page](#))

### Mathematics for Machine Learning: Linear Algebra (07/2020 - 08/2020) ✎

### Web Design for Everybody: Basics of Web Development (02/2020 - 07/2020) ✎

Design & Implementation, Responsiveness, Accessibility

### Python For Everybody Specialization (11/2019 - 06/2020) ✎

Data Structures, Network APIs & Databases

### Object Oriented Data Structures in C++ (03/2020 - 04/2020) ✎

## VOLUNTEER/ PRESENTATION

### Aashman Foundation (NGO) (02/2021 - Present)

NGO team of 1500+ people, volunteering as video editor.

### Cause of Social Problems in India (12/2020)

Presented with team of 4 among 50+ teams on causes of social problem of population explosion and provided practical solutions to the problem. [PDF-Link](#)

## LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

French

Limited Working Proficiency