Pradhuman Singh
Junior Software Developer

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

WORK EXPERIENCE

ML Intern
Spotle Ai ☐
02/2021 - Present

Achievements/Tasks
- 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.
- Ongoing Task - Sentimental Analysis on the given dataset on basis of change in person's sentiment & sentiments of people over time.

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.
- A dynamic UI/UX React Js form has been also been 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

Senior Secondary
Indraprastha Convent School
04/2016 - 03/2018   *Percentage - 83.67%*

Major Subject
- PCM

SKILLS

Adobe Ps/ Pr | Critical Thinking | HTML5
CSS3 | Js | React | C/C++ | Java
Python | Data Structures | Teamwork

VOLUNTEER/ PRESENTATION

Video Editor at Aashman Foundation (NGO) (02/2021 - Present) ☐
A NGO team of more than 1500+ people.

Cause of Social Problems in India (12/2020)
Presented with team of 4 members among 50+ teams on causes of social problem of population explosion and provided practical solutions to the problem. PDF-Link

Contributing to ICICC (09/2020 - 12/2020)
ICICC's objective is to bring together scientists, professors, scholars, students & industrial experts. ICICC is sponsered by Ministry of Electronics and Information technology (MeitY). Designed website online-conf.com *guided by* Dr. Deepak Gupta.

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, Accesibility

Python For Everybody Specialization (11/2019 - 06/2020) ☐
Data Structures, Network APIs & Databases

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

ORGANIZATIONS

OpenCode MAIT (09/2019 - Present)
Exploring open source projects

GSSOC 2021 (02/2021 - Present)
A Participant

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency

French
Limited Working Proficiency