Pradhuman Singh
Junior Software Developer

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WORK EXPERIENCE

R&D Intern (HDS Analytics dept.)
Halliburton (07/21 - 08/21)
A Fortune 500 company, primarily into handling Oil Operations

Achievements/Tasks
- Worked on Sperry Automatic Tool Screening under Principal Data Scientist Dr. Daili Zhang, at HALAMERICA dept (Houston,Texas - headquarters).
- Predicted accuracy of a new tool (EARTHSTR) w.r.t different parent components to decrease the failure rate & incurring costs. Pre-processed data to deal with erroneous values.

Product Analyst Intern
Juspay (05/21 - 10/21) ⬈
A payment portal with 10 millions+ transaction daily & 4.1 billion+ overall

Achievements/Tasks
- Handling Dashboards for operations by different merchants & POC for Merchant Logs Bugs. Working with APIs, Developing UI, Application of filters for merchants.
- Suggesting & Implementing Improvements for additional features/redesigning UI
- Mentored another intern on VISA dashboard module. Implemented to make Juspay's package open source library

NLP & Data Analysis Intern
Spotle Ai (02/21 - 03/21) ⬈
An Educational Platform - Report - Project

Achievements
- Created Sentimental Analyser to analyse a person's sentiment & sentiments of people over time. Analyser detected user activity on hourly & daily basis.
- Analyzed Twitter trend using NLP & Trend Depiction using graphs & word clouds.

Web Dev Intern
Lets Go Social (06/20 - 07/20) ⬈
A service based startup based in UK and India - Certificate

Achievements
- Development of webpages using HTML/CSS/Js & PHP in backend framework.
- Improved design & Add-on features for better UI/UX & modular code.

PERSONAL PROJECTS

PageRank (Python) (11/2020 - 12/2020) ⬈
- Ranks webpages, based on PageRank Algo & provides 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) ⬈
- Responsive website with UI/UX design, using syntactically correct HTML5, CSS3 & Js and aims for wider audience including those with impairments. Website details my skillsets, gallery & blog.
- Dynamic UI/UX React form, Snake Game, Weather App developed by me are also attached.

Operations (Python) (04/2020 - 05/2020) ⬈
- Validates all types of user input, presents Word filter, Credit Card Recognizer (Luhn's Algo), Text Grader (Coleman-Liau Algo), web scraper (IMDb) & Scientific calculator.

Image Transform (C++) (04/2020 - 04/2020) ⬈
- Assists in transformation of a given image with Filters for spotlight, color & watermark.

EDUCATION

B.Tech
MAIT ⬈
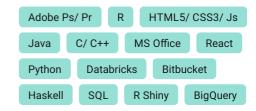*08/2018 - Present*   *Current GPA - 8.78*

Major Subject
- Computer Science & Engineering

SKILLS

Adobe Ps/ Pr · R · HTML5/ CSS3/ Js · Java · C/ C++ · MS Office · React · Python · Databricks · Bitbucket · Haskell · SQL · R Shiny · BigQuery

OPEN SOURCE PROJECTS

GSSOC (03/2021 - 05/2021)
Briefly worked on Project Sakura & EduHelp.

Web Developer - ICICC (09/2020 - 02/2021)
ICICC is sponsored by Ministry of Electronics and Information technology (MeitY). Designed website online-conf.com guided by Dr. Deepak Gupta. Worked on icdam-journal & icc-journal.

JusPay Datathon (05/2021)
A single day datathon, got selected in JusPay & was offered an internship. Link to R Dashboard | Code

ROP - PetroCoder Hackathon (04/2021) ⬈
Optimised highly non linear ROP for Oil & Drilling, Achieved rank 2 out of 1500+ students.

CERTIFICATES

Data Science Bootcamp (02/2021) ⬈
Evaluated 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)

ML Mathematics: Linear Alg. (08/2020) ⬈

WD4E - Spec. (Web Design) (07/2020) ⬈
Design & Implementation, Responsiveness, Accessibility

PY4E - Spec. (Python) (06/2020) ⬈
Data Structures, Network APIs & Databases

Object Oriented DS C++ (04/2020) ⬈

PRESENTATION

Cause of Social Problems in India (12/2020)
Presented with a 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