



Pradhuman Singh

Junior Software Developer (2022 Grad)

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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. Achieved **~67% Macro Score**.

Technical Product Analyst Intern

Juspay (05/21 - 11/21)

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 **VIES** dashboard module. Also worked on **Morpheus Admin** module & was **offered full time** as TPA.

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 **detects 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

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

2018 - 2022

Current GPA - 8.78

Major Subject

- Computer Science & Engineering

SKILLS

R Shiny Js Haskell BigQuery

Databricks R Python C/ C++

React Native Bitbucket PySpark

HTML-CSS Java React SQL

OPEN SOURCE PROJECTS

Amex CodeLabs 2021 (12/2021)

Made a model to predict Credit Card Default Type. Achieved Rank 3 out of 3500+ participants.

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.

GSSOC (03/2021 - 05/2021)

Briefly worked on [Project Sakura](#) & [EduHelp](#).

Web Developer - ICICC (09/2020 - 02/2021)

ICICC is sponsored by MeitY. Designed website [online-conf.com](#) & [icc-journal](#) guided by [Dr. Deepak Gupta](#).

CERTIFICATES

Data Science Bootcamp (02/2021)

FullStack Dev Bootcamp (02/2021)

ML Mathematics: Linear Alg. (08/2020)

WD4E - Spec. (Web Design) (07/2020)

PY4E - Spec. (Python) (06/2020)

Object Oriented DS C++ (04/2020)

PRESENTATION

Cause of Social Problems (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

Elementary Proficiency