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

- Achievement
- 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) C
- 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) C

- Assists in transformation of a given image with Filters for spotlight, color & watermark.

EDUCATION

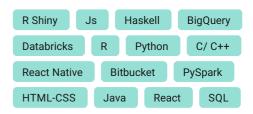
O B.Tech

MAIT © 2018 - 2022 Major Subject

Computer Science & Engineering

Current GPA - 8.78

SKILLS



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) C 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 onlineconf.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. <u>PDF-Link</u>

LANGUAGES

English Native or Bilingual Proficiency

Hindi Native or Bilingual Proficiency

French Elementary Proficiency