Arshu Hansda

Seeking a position where I can apply my strong analytical skill and problem-solving skills to provide valuable insights that drive business performance.

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PROJECTS

Data Science , Machine Learning – 2020- PRESENT

· **Sentimental Analysis** –Test Analysis using NLTK model to get the positive, negative score, complex words on financial reports.

· **Profitable App Profiles for the App Store and Google Play Markets** –Data Analysis on the apps on both stores to understand the popularity, genre and category to create a new app which will be profitable

· **Exploring Hacker News Posts** – Data Analysis on comments, their upvotes, their time periods to understand the attraction of audience on certain news posts

· **Visualizing Earnings Based On College Majors** – Data Visualisation of a dataset working with a dataset on the job outcomes of students who graduated from college

· **Predicting Car Prices** – Data analysis, exploration, engineering features, estimating the pricing of various cars. Linear regression, k-nearest neighbours, pandas, numpy, matplotlib, pyplot

Python Development – 2019 - PRESENT

· **Web Crawling** – Web page spidering by adding page ranks, SQLite, requests

· **Modeling email data** – Visualising the words frequencies in the emails.

· **Order management system** – Creating orders and managing them, getting estimated time of delivery using models in Django, MySQL as Database

· **Local Library Management** – Django project to manage books in a local library

· **Format strings** – App using Tkinter to input string and output spiral tap case or snake case

Dashboard Creation of dependencies of features– 2020

· Created a SQL solution to get the references in a dashboard saving 1-2 hrs of work in 1-2 mins to create a dashboard showing the impact of

SKILLS

Python, JAVA, Command line

MySQL, MongoDB,

Django, Abby

REST API, beautifulsoup

Pandas, Numpy, Tkinter

Scikit-learn, nltk

matplotlib, seaborn, Tableau

BluePrism

Agile Methodology, Scrum Project Model, JIRA, Splunk

Github

Visual Studio, Atom

AWARDS & ACTIVITIES

Dataquest, Data Scientist Path 2021– Learned how to program in data science languages, Python, Command line, properly manipulate data, how to utilize collaboration tools like git and SQL databases

DoSelect Python Certified – 2021

Coursera – Python for Everybody 2020-2021

Blueprism Accredited Developer – 2019

change of features in the references using XML Parsing in SQL

· SQL, Excel, Blueprism

Automation of Business Processes – NOV 2017 - PRESENT

· Designed and developed application components in an Agile environment utilizing a test driven development approach following the best coding practices, provided estimates in multiple multinational corporation clients

· Involved in identifying potential processes for clients and internal projects for automation and providing/designing effective and robust solutions

· Involved in debugging, creating instant solutions and code fix for Live Processes in Production

·Involved in creation of PDD, SDD, RCA, Operational Handbooks and deliverable documents

·Processes - Involved in automating business processes including Legal, HR, Finance, Tax in multinational corporations with BluePrism tool, RESTful services consisting of SAP, Web, Mainframe, Excel including macro creation, sql queries

· Involved in installation of infrastructure across Virtual Machines.

· Involved in multiple phases of software development cycle including Design, development, UAT, Production, hypercare and support.
·Integration with Splunk, Tableau for Data Analysis and logging

EXPERIENCE

Capgemini, Mumbai India

Associate Consultant – NOV 2017 - PRESENT

· Worked with a team to understand Python development, creating internal projects to use Python for automating small tasks and for big management systems.

· Analysing data in Python to get better understanding of what changes

· Customer-facing experience involving requirements gathering, project envisioning, planning, design, development and deployment of solutions

· Developed multiple processes which automated the hectic repetitive tasks in Multinational Corporations

· Focusing on high-availability, fault tolerance, exceptional handling, and robustness

· Implemented in SQL, Rest API, Blueprism

Project Star – July 2019 - **Dec 2019,** Capgemini India

Automation Engineer Practitioner Certification, Capgemini India

Certificate of Merit, 2011 CBSE Merit by AISSCE

LANGUAGES

English, Hindi

Senior Analyst – AUG 2017 - OCT 2019

• Development of repetitive processes involving automation tool – BluePrism, to reduce time and save FTEs.

• Developed an Online Banking System implemented JAVA, JDBC.

EDUCATION

Birla Institute of Technology, Mesra, Jharkhand

AUGUST 2013 - MAY 2017

B.E. in INFORMATiON TECHNOLOGY, 7.1.

Atomic Energy Central School - **1,** Jadugoda, Jharkhand

MAY 2013 - AISSCE in Science, 82.6.

JULY 2011 - AISSE in Computer Science, 95.