Alok Rai

raialok06@gmail.com
8882654191
linkedin.com/in/alok-rai
MyPortfolio

EDUCATION

IIIT, Allahabad
Mtech
Data Engineering
Expected Grad. June 2022
Cum. GPA: 9.12

AKTU, Lucknow
Btech
Computer Science and Engineering
Grad. July 2017
Percenatge: 71.2

SKILLS

Languages:
C, C++, Python, Shell
Big-Data Technologies:
Hadoop, Spark, Hive
Data Visualisation:
Tableau
Web Technologies:
Html, CSS, Bootstrap
Databases:
MongoDB, SQL, Oracle
Data Virtualization
Denodo & Tibco Data Virtualisation

COURSEWORK

Data Structure
Algorithms
Data Visualisation
Data Analysis

CERTIFICATIONS

Google Data Analytics Proffesional Certification.

Foundations of DataScience.

SQL HackerRank.

EXPERIENCE

TCS - GSK Project October 2018 – August 2020
Data Analyst Noida, India

- Used analysis and visualisation toll such as SQL and Tableau to analyse the data related to progress of a particular study in different sites and sharing the results with client (GSK) for further decisions and actions.
- Carried out an analysis to find the factors responsible for delay in project deliverables and proposed a solution for the same which reduced the delay in deliverables by 40%.
- Communicated and coordinated with onshore team members and client to gather the requirements.

TCS – GSK Project April 2018 – September 2018
Front End Developer Noida, India

- Built a web application for GSK scientists to query the information related to a particular study.
- Implemented the frontend features and backend server using MongoDB, ExpressJS, AngularJS, and NodeJS (MEAN stack)

TCS - GSK R&D November 2017 – March 2018
Data Provisioning Noida, India

- Developed data virtualisation layers with multi-source integration to restrict data access and enhanced ease of use for end user while ensuring 100% uptime and accuracy.
- Communicated and coordinated with client to expose required data from different sources so that Analyst can carry their work without worrying about data.
- Enhanced the deployment process by automating it and reducing the deployment life cycle by 30%.

PROJECTS

Identifying Galaxy Clusters
Mtech,Thesis Project
Aim of this project is to identify and implement a noble technique of identifying galaxy clusters which can handle astronomical data with improved efficiency.
Tool Used: GoogleColab,Pandas,Numpy,Python,Matplotlib, Seaborn,Spark.