ADITYA PRATAP SINGH

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👤 ABOUT ME

A collaborative Engineering Professional with substantial knowledge and experience in analysis,design,development that helps organizations effectively analyse big data Problems

👤 CAREER OBJECTIVE

*T*o associate with an organization which progress dynamically and gives me chance to improve my knowledge , enhnace my skills in the state of art technology and be part of the team that work towards the growth of the organization

🎓 EDUCATION

Sri Venkateswara College of Engineering & Technology   2015 – 2019
Graduate in Computer Science Engineering (CSE), 70%

Jawahar Navodaya Vidyalaya Nawanagar, Buxar, Bihar   2015
Intermediate 74.8 %

Keshav Saraswati Vidya Mandir, Patna, Bihar   2012
Primary CGPA 9.0

👥 EXPERIENCE

Testpress Tech Labs LLP Chennai, India (Internship)   Feb 2019 – July 2019

Brief introduction:Testpress Online Exam Software is designed to ease out the process of conducting and evaluating a paper based test. Effortlessly add questions in bulk using Microsoft Word™, conduct online exams for your students and automate the job of evaluating their responses.

Technology - Django,Postgres,RabbitMQ,Celery,Django Rest Framework

- Responible for creating a module which help in uploading word document as Questions.
- Added multiple feature to inbuilt Exam API
- Involved in development using Python, bug fixing and unit testing of the whole application.

Tata Consultancy Services Chennai, India   July 2019 – Present
Projects :-

ASO(Assortment and space optimization)

Brief introduction :- ASO (Assortment and space optimization) recognizes the inextricable link between product assortment and the physical space in which it resides, creating the closed-loop capability to deliver the right assortment in the right space in the given store in order to optimize category performance within physical and supply chain constraints.

Technology : - Hadoop,MapReduce,Spark,Hive,Oozie.HDFS

- Worked on feature which create new product id for new or existing products from multiple stores and geo loations using hql and spark scala.
- Responsible for implementing MapReduce program into spark transformation using spark scala.
- Worked on the fact Aggregation module which caculate Facts.
- Created Oozie script to monitor and schedule the job.

MasterTrack Solution

Brief introduction :-MasterTrack Solution(MT) deliver specialized display facts to through Nielsen connect which currently depends on MainFrame Processing and Legacy AS400(iseries) application which is rewritten in spark scala, capable to running in Azure with ADLS as a storage layer and automate job using Airflow.

Technology : - Spark,Databricks,ADLS,Airflow

- Worked on Devloping spark scala application from scratch using maven which will perform Data loading , validation and store data to cloud.
- Configuring and Setting up Airflow as per the requirement to run our spark commands in airflow parallel and sequential
- Worked on Databricks to setup clustuers and run Job using Databricks jobs .

⚙ Self Projects

Group Chat

Android, Firebase

Brief introduction: Used Google Firebase to send and Retrive messages(text and image) among different Users.

- Implemented Firebase Authentication,Firebase Analytics and Firebase Realtime Database.
- Login and SignUp using Google, Facebook, Email and Phone Number.

Blog

Python, Django,MySQL, Bootstrap

Brief introduction: Used Flask(Djanog) Back-end framework to create a blog Application for my college

- Designed Database Schema from scratch using django ORM.
- Implemented Login and SignUp Features.
- Users can create post,update post and delete it.

⚙ Skills

- Programming Languages: C, C++, Java, Python, Scala
- Framework and Library: Spark, MapReduce,Hive,
- Platform: Linux, Windows
- Tools: Git,Vim ,Oozie,Airflow,Databricks
- Development: BIGData(Hadoop,HDFS,Hive,MapReduce,Oozie,spark)

ⓘ Miscellaneous

- Portfolio: `https://aditya7861.github.io/`
- Achievement :Successfully Cleared and got Selected for Tcs via CodeVita
- Event: Successfully Organized Coding Contest in College Festival
- Hobbies: Exploring Linux , Playing Games and Solving Problems on Hackerrank
- Extra: Good Understanding of Linux and Android
- Languages: English, Hindi(Native)