

Diwanshu Soni

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I am a graduate in B.Tech. in Computer Science. I have a good command over Python and Android. I believe and am confident that my academic scores will be compensated with good programming skills. I am looking for a position where I can work and also learn.

Technical Skills

Proficient : Python,

Intermediate : Core Java, Django, Android Application development, Firebase RealTimeDatabase

Beginner : Machine learning, Data Science, Apache Spark, Opencv, Sql

Internship Experiences

Celebal Tech, Jaipur, from Jan 2018 to March 2018

Worked with Apache Spark Clusters on Databricks, Azure Blobs, Azure Sql Server, Scala, Pyspark, R scripting was also done for a brief period.

- Eased the ETL workflow by implementing a Pipeline written in Scala, later also in pyspark to demonstrate the use cases of Databricks.
- Generalised the configuration handling by implementing a class for handling the keys and configurations for the azure data blob and Sql Server
- Submitted a presentation along with mentor, comparing Databricks with competitors in terms of price, performance and ease of use, report was created by using metrics obtained by working on ongoing projects.

LinuxWorld, Jaipur, from Dec 2017 to Jan 2018

- Implemented test scenarios to understand working of Apache hadoop using tcpdump tool in RHEL7
- Map-reduce and data redundancy was explored by varying the config files in system
- Learned Python Scripting and implemented simple Master node and Worker Node architecture to automate worker's tasks.

Projects

- Face and facial features detection web application. With the use of opencv and dlib libraries implemented a python script which marks the faces in the given image along with the features like eyes, nose, mouth position. Used Django for this project along with git deployed on Heroku.
- A Social media application Try a-gain, helped create the Android project by implementing the wireframes provided by team members. I created the modules for authentication, Sign up, Reset Password using Firebase.

Education

- 67.75% in B.Tech from Jaipur Engineering College And Research Centre, Jaipur
- 84% in 12th CBSE Boards from H.G. International School, Aburoad
- 10 CGPA in 10th Boards from St. Anselms' Senior Secondary School, Aburoad

Achievements

- Secured a PH score of 97.55 percentile in Elitmus Exam (2019).
- Article published appreciating the work done on Try a-gain application.
- Secured position in the top 50 amongst 950 competitors and invited at AICTE Delhi venue for the 1st Chhatra Vishwakarma Awards

Interests: Mostly occupied with learning about machine learning and data science concepts, Often try competitive programming and hackathons on Codechef, Hackerearth. Stackoverflow is my guide.