**Jubin Soni**

**Data Scientist at Cyient-Insights**

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Data Scientist with 1+ yr. experience in Big Data and Software Engineering. Expertise in Hadoop/Spark development experience and E2E life cycle of software design process. Outstanding communication skills and up-to-date IT skills and Industry Knowledge.

**WORK EXPERIENCE**

**German Elevator Company**, Predictive Maintenance (Big Data Project)

(08/2018) – Present

* Work closely with Project Manager to develop work plan and keep the manager aware of any issues.
* Converted SQL ETL Process to Spark API.
* Reduced the latency of spark jobs by tweaking configurations.
* Tuned the long running jobs by improving query performance and reduced runtime of Datastage jobs.
* Scheduling Models and Storing Prediction Results to Azure Datalake and SQL Database.
* Converted Python Pandas code to PySpark.

**Cyient Innovation Unit**, Pupil Detection and Diameter Calculation (Image Processing)

(02/2019) - (04/2019)

* Wrote algorithm to detect and calculate pupil diameter in C++ and Python for an embedded device.
* Made a testing module to generate graphs and diameter per frame.

**SKILLS**

* **Languages:** C++, Python, Java EE, SQL
* **Database**: MsSQL Server, Azure Datalake, Azure Blob , Parquet , Delta Tables
* **Apache Spark:** Spark Core, Dataframes, Spark SQL, Scala(Basic), HDFS, Hive
* **Web:** HTML, CSS, PHP, Fpdf.
* **Image Processing:** OpenCV
* **Version Control**: Git(Basic)

**Academic Research & Projects**

**EERC IIITH**, Web Application for EDRI (Earthquake Disaster Risk Index) & RVS (Rapid Visual Survey)

(02/2018) – (06/2018)

* Web Application to fill form related to Rcc buildings and Tabular Visualization.

Available at: <http://eerc.iiit.ac.in/edri/>

* Researching possible structural parameter that can be used to classify building as Red, Yellow or green

Available at: <http://eerc.iiit.ac.in/rvs/project1/>

**Achievements**

* Academic Award for highest SGPA in spring 2017 semester.
* TA (Teaching Assistant) for Earthquake Engineering Course (CES641) Spring 2018 semester.
* Stood 2nd in Inter-House basketball competition held at IIITH.
* Runner up for Inter-branch competition held at IIITH.

**Education**

* MTech | IIITH(International Institute Of Information Technology) Hyderabad | Computer Aided Structural Engineering | 2016-2018 | CGPA:8.0/10
* BE | IET(Institute Engineering And Technology) DAVV Indore | Civil Engineering | 2012-2016 | CPI:73%