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# Chandan Ramesh Shastri

## Education

- **2015-19** : Bachelor of Engineering, under **Information Science and Engineering** branch, at Alva's Institute of Engineering and Technology, Karnataka.

## Career

- **February 2018** - Intern at Indian Space Research Organisation ( ISRO - RRSC South )
- **July 2019 - Present** :  
Data Engineer - Analytics and Insights at Tata Consultancy Services.
- **Work experience in Big Data Platforms** :  
Hadoop, HDFS, Spark, Hive, Sqoop, YARN, MR on Linux Cluster.
- Developed and Deployed ETL Pipelines, and Data Warehousing for the business data. Data Cleanup and Enrichment for Analytics.
- Worked with Python, PySpark, Docker, Git, sbt, Prototyping with Jupyter Notebooks, CI/CD with GitHub Actions and TeamCity.
- Work load automation and job scheduling with Shell Script and Autosys.

## Special Skills

- UI, UX and Product Design & Development.
- Public Speaking and Presentation Skills.
- Filmmaking | Editing | Scriptwriting  
Graphic Design | Photo Blogging

## Achievements

- **2018** : Single-handedly Designed and Developed a Complete Software System for Meteorological Data Processing and Analysis, for the Weather Station of **ISRO-RRSC South**, Bengaluru, during my internship in ISRO.
- **2020** : Designed and Implemented **On-Premise Cloud Infrastructure** for my college by **reusing desktops as servers** to handle more than 5000 students everyday for online classes and exams during COVID-19.
- **2020** : Designed and Developed a Cloud Based App for Milk Dairy Data Management, for my village dairy during WFH, now it is fully paperless.
- **2017** : Designed and developed a technology for Iron Boxes, to prevent clothes from burning.

## Awards

- **2017** : First Prize for Innovative Product Design and Prototype development. Hosted by Oski Labs, Bengaluru.
- **2017** : First Prize for Designing Skill Modules for VTU Engineering Syllabus. - Hosted by VTU Skill Development Centre, Bengaluru.
- **2014** : TCS IT Quiz - Stood 4<sup>th</sup> in the National Level Zonal Finals among the 6 Finalists.
- **2012** : First Prize for Alternative Bio Fuel Production using the seeds of Mesua ferrea, (Indian rose chestnut). Hosted by Karnataka Rajya Vijnana Parishath.
- **2011** : Best Report and Presentation Award for Ecological Carrying Capacity study of Uttara Kannada, Hosted by IISc, Bengaluru.