

# Sri Harsha Kantipudi

+39 3285518428

[LinkedIn](#)

E-mail: [venkatasri.kantipudi@studio.unibo.it](mailto:venkatasri.kantipudi@studio.unibo.it)

<https://harshakantipudi.github.io/>

## SUMMARY

Trained Electronics engineer. Experienced Software engineer. Passionate data scientist. IoT Enthusiast.

## SKILLS

Data Science - Python (8), R (5), SQL (5), Tableau (6), SAS (6), Big Data Ecosystem (beginner) Cloud  
- Beginner in Microsoft Azure  
Domain - Experience in Semiconductor, Interested in Marketing and Manufacturing  
Comp. Science - C++, Agile, Git Versioning, Dev-Ops Tools (JIRA, MS Build, Electric Cloud)  
Strengths - Linear Regression, Decision Tree, Random Forest, Hyper parameter Tuning, Feature Scaling  
Improving On - Time Series analysis, Deep Learning

## RELEVANT EXPERIENCE

### HCL Technologies

Software Engineer

Chennai, India | Jan 2017 – Oct-2019

**Dev-Ops Automation:** The main aim of this project is to stable the existing Teradyne environment when working with Dev-Ops to achieve the gated delivery process by changing existing dependencies in the code and recreate tools to avoid manual effort.

#### Roles and Responsibilities:

- Worked with Client Manger to get Requirements and helped in creating design documents for consistent code styling.
- Experienced in DeV-Ops stages of Continuous Development (Plan, Code, Build) & Continuous Integration (CI), Continuous Deployment (CD) & Continuous Testing
- Worked in Agile Sprints with Jira and Developed Automation tests and removed visual studio & SQL-DMO dependencies from the projects and packaged the entire code in GIT using MSBUILD tool.
- Developed Batch scripts to implement continues integration (CI) between the applications and deployed the code into a server using Electric Cloud and Performed series of manual and Automated tests as per customer requirements

**Digital Tools:** Teradyne creates the large set of software applications using (C++, C#) to test their semi-conductor equipment's and these devices will use analog and digital type of data. This project will provide the tools with individual GUI to read the digital data from the hardware's and gives pattern's data to user in understandable format

#### Roles and Responsibilities:

- Involved in all phases of Product Development life cycle for new tool development and Defect fixing activities
- Developed a Pattern tool which can read and write pattern data in both user and hardware understandable formats
- Created Unit test cases (AT) for unit testing using VB & Perl and having very good experience in handling build failures
- Majorly involved in Release management and supported Performance and crash dump analysis for every release.

## DATA SCIENCE PROJECTS

**IT-Help Desk (Pilot project):** Be able to tell a customer, At the moment he/she raises a new IT service request, how long he/she will have to wait for the request to be completed by the IT team (lead time). This will help improve customer satisfaction.

#### Roles and Responsibilities:

- Collected data from disparate data sources and mined for deeper insights & identified opportunities for transaction reduction
- Developed a prediction models for transaction reduction within the context of employee workplace services and validated use cases & recommendation models for next best action

## EDUCATION

University Degree	University	Year
Master's in Data science	Bologna Business School	Present
BS, Electronics & Communication Engineering	Jawaharlal Nehru Technological University	2016

