# NELLURI SURESH KUMAR
DATA SCIENCE INTERN

LOCATION: HYDERABAD

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## Core Competency –

- Domain knowledge of manufacturing industry
- Problem understanding
- Resource management
- Project Execution experience

## Industry Certifications –

- White Belt (Six Sigma) Certified
- Received a certificate of appreciation for excellence in plc upgradation

## Achievements –

- Udemy Certification in Natural Language Processing
- Udemy Certification in R-Programming
- Certified in Python programming by Hacker Rank

## Education –

- MBA in Intelligent Data Science

  NIIT University -CGPA 8.79

- Bachelors in Technology (Electrical and Electronics)

  JNTU-kakinada University – 2016    CGPA : 8.89

## Profile Summary

I am bringing out  knowledge in Python programming and machine learning , natural language processing, deep learning Projects . Certified by Hacker rank in Python Programming . Electrical engineer as well as Programmer in programmable logic controllers of Siemens pcs 7 and ABB in Paper manufacturing Industry with **2 years 8 months experience** of overall. Expertise in managing a team .  Well Versed with CRISP_DM methodology right from the business understanding to Deployment of models using Flask.

Some of My previous works :

Github link : https://gist.github.com/s685

Deployment using Flask : https://deploymaster.herokuapp.com/

## Technology Proficiency

| Technology | Python ,Data engineering ,Machine Learning , Natural Language Processing , Deep Learning and Neural Networks , Data Management, Cloud computing |
| --- | --- |
| **Tools** | Pandas ,Scikit-Learn, NumPy , nltk , Spacy, genism , Tensor flow, Py torch , Tableau , Power-BI , web scrapping Beautiful Soup , Matplotlib , Hadoop. |
| **Database** | My SQL (8.0), Mongo DB |
| **Operating Systems** | Windows 10 |
| **Others** | MS Office , C language |

## Professional Experience

| Month-Year | Designation/ Role | Role Responsibilities |
| --- | --- | --- |
| Oct 2016-July 2019 | Electrical | PLC programmer |

**Project Details**

| Name of the Project : PREDICTIVE MAINTENANCE MODELLING | | | |
|---|---|---|---|
| **Duration** | April 19 – Jul 19 (3 months) | **Role** | Team member |
| **Project Type** | Cost Savings | **Technology** | Machine Learning |
| **My Responsibilities** | control of activities related to project , project execution | | |

| Name of the project : PREDICTING CUSTOMER FOOTFALL IN A RETAIL STORE | | | |
|---|---|---|---|
| **Duration** | Dec 18 – Mar 19 (4 months) | **Role** | Team member |
| **Project Type** | Max. Revenue | **Technology** | Time Series modelling |
| **My Responsibilities** | Project execution | | |

| Name of the project : BENGALI SPELL CHECKER TOOL DEVELOPMENT | | | |
|---|---|---|---|
| **Duration** | Sep 18 – Dec 18 (3 months) | **Role** | Project Leader |
| **Project Type** | Tool development | **Technology** | NLP(Natural Language Processing) |
| **My Responsibilities** | Project Execution | | |

| Name of the Project : CHESS MOVE VALIDATION USING PYTHON | | | |
|---|---|---|---|
| **Duration** | May 18 – Sep 18 (4 months) | **Role** | Project Member |
| **Project Type** | Chess move Validation | **Technology** | Python |
| **My Responsibilities** | Project execution | | |

| name of the project : | | | |
|---|---|---|---|
| **WORKING ON NO-SQL MONGO DB AND CONNECTING WITH PYTHON** | | | |
| **Duration** | Nov 17 – May 18 (6 months) | **Role** | Team member |
| **Project Type** | NO-SQL database | **Technology** | Python , Mongo DB |
| **My Responsibilities** | Project execution | | |

| name of the project : | | | |
|---|---|---|---|
| **IMPACT OF SENTIMENTS OF NEWS ARTICLES ON PREDICTING STOCK PRICE** | | | |
| **Duration** | 2020 May  -  2020 July | **Role** | Team member |
| **Project Type** | Max.Investment Returns | **Technology** | Machine Learning, NLP |
| **My Responsibilities** | Project execution | | |

| name of the project : | | | |
|---|---|---|---|
| **HOSTING INTERACTIVE WEBSITE ON AMAZON AWS USING EC2 INSTANCE** | | | |
| **Duration** | 2020 May  -  2020 July | **Role** | Team member |
| **Project Type** | Interactive website Hosting | **Technology** | AWS |
| **My Responsibilities** | Project execution | | |

| name of the project : | | | |
|---|---|---|---|
| **CHARACTER-LEVEL TEXT CLASSIFICATION USING CNN** | | | |
| **Duration** | 2020 May  -  2020 July | **Role** | Team member |
| **Project Type** | Text classification | **Technology** | Deep Learning |
| **My Responsibilities** | Project execution | | |

| name of the project : | | | |
|---|---|---|---|
| **CALL CENTER OPERATION VISUALIZATION USING POWER BI , TABLEAU** | | | |
| **Duration** | 2020 May   -  2020 July | **Role** | Team member |
| **Project Type** | Operations | **Technology** | Tableau, Power BI |
| **My Responsibilities** | Project execution | | |

**Detailed IT Skills**

(List of Tools/ Technologies )

| Skill Name | Exp. in Months | Skill Name | Exp. in Months | Skills | Exp. in Months |
|---|---|---|---|---|---|
| **Languages** | | **libraries** | | **Operating Systems** | |
| Python | 12 | Keras | 6 | Windows 10 | 48 |
| C | 6 | Py torch | 6 | | |
| | | Tensor Flow | 6 | | |
| | | Pandas | **12** | | |
| | | Scikit Learn | 12 | | |
| | | | | | |
| **Big Data Platform** | | **Cloud Development** | | **Databases** | |
| Hadoop | 3 | AWS | **6** | My SQL | 9 |
| | | Azure | **3** | Mongo DB | 3 |
| | | | | | |
| | | | | | |
| **Tools/ Platforms** | | **Domain** | | **Hardware** | |
| MS Office 2007/16 | 40 | **Manufacturing** | | 8051 microcontroller | 6 |